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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 78 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9

Sequence: 1 gaggatgag 9

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database :

Issued Patents NA.*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*

6: /cgn2_6/ptodata/1/ina/backfiles.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	3	US-09-048-927-1
2	9	100.0	15	3	US-09-049-190-6
3	9	100.0	15	3	US-09-049-190-7
4	9	100.0	15	3	US-08-932-140C-6
5	9	100.0	15	3	US-08-932-140C-7
6	9	100.0	15	4	US-09-486-623C-6
7	9	100.0	15	4	US-09-486-623C-7
8	9	100.0	17	1	US-08-758-306-365
9	9	100.0	17	1	US-08-758-306-367
10	9	100.0	17	1	US-08-758-306-369
11	9	100.0	17	1	US-08-758-306-371
12	9	100.0	17	4	US-09-866-108A-2750
13	9	100.0	17	4	US-09-866-108A-2751
14	9	100.0	17	4	US-09-866-108A-2752
15	9	100.0	17	4	US-09-866-108A-2753
16	9	100.0	17	4	US-09-866-108A-2754
17	9	100.0	17	4	US-09-866-108A-2755
18	9	100.0	17	4	US-09-866-108A-2756
19	9	100.0	17	4	US-09-866-108A-2757
20	9	100.0	17	4	US-09-866-108A-2758
21	9	100.0	20	3	US-09-287-796-101
22	9	100.0	20	3	US-09-287-796-102
23	9	100.0	20	3	US-09-130-616-101
24	9	100.0	20	3	US-09-130-616-102
25	9	100.0	20	3	US-09-105-058C-15
26	9	100.0	20	3	US-09-851-082-29
27	9	100.0	20	3	US-09-517-467B-84

c	28	9	100.0	20	4	US-09-422-978-6551	Sequence 6551, Ap
	29	9	100.0	20	4	US-09-774-809-101	Sequence 101, App
	30	9	100.0	20	4	US-09-774-809-102	Sequence 102, App
	31	9	100.0	21	4	US-09-422-978-8965	Sequence 8965, Ap
	32	9	100.0	21	6	5455029-26	Patent No. 5455029
	33	9	100.0	21	6	5455029-26	Patent No. 5455029
c	34	9	100.0	23	3	US-09-088-274-8	Sequence 8, Appli
	35	9	100.0	24	3	US-09-245-248B-23	Sequence 23, Appli
	36	9	100.0	25	4	US-09-866-108A-5679	Sequence 5679, Ap
	37	9	100.0	25	4	US-09-866-108A-5680	Sequence 5680, Ap
	38	9	100.0	25	4	US-09-866-108A-5681	Sequence 5681, Ap
	39	9	100.0	25	4	US-09-866-108A-5682	Sequence 5682, Ap
	40	9	100.0	25	4	US-09-866-108A-5683	Sequence 5683, Ap
	41	9	100.0	25	4	US-09-866-108A-5684	Sequence 5684, Ap
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	43	9	100.0	25	4	US-09-866-108A-5686	Sequence 5686, Ap
	44	9	100.0	25	4	US-09-866-108A-5687	Sequence 5687, Ap
	45	9	100.0	25	4	US-09-866-108A-5688	Sequence 5688, Ap
	46	9	100.0	25	4	US-09-866-108A-5689	Sequence 5689, Ap
	47	9	100.0	25	4	US-09-866-108A-5690	Sequence 5690, Ap
	48	9	100.0	25	4	US-09-866-108A-5691	Sequence 5691, Ap
	49	9	100.0	25	4	US-09-866-108A-5692	Sequence 5692, Ap
	50	9	100.0	25	4	US-09-866-108A-5693	Sequence 5693, Ap
	51	9	100.0	25	4	US-09-866-108A-5694	Sequence 5694, Ap
	52	9	100.0	25	4	US-09-866-108A-5695	Sequence 5695, Ap
	53	9	100.0	25	4	US-09-396-196G-2411	Sequence 2411, Ap
c	54	9	100.0	25	4	US-09-396-196G-36106	Sequence 36106, A
	55	9	100.0	25	4	US-09-396-196G-44517	Sequence 44517, A
c	56	9	100.0	25	4	US-09-396-196G-44518	Sequence 44518, A
	57	9	100.0	25	4	US-09-396-196G-45378	Sequence 45378, A
	58	9	100.0	25	4	US-09-396-196G-68099	Sequence 68099, A
	59	9	100.0	25	4	US-09-396-196G-68100	Sequence 68100, A
	60	9	100.0	25	4	US-09-396-196G-79028	Sequence 79028, A
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	67	9	100.0	26	4	US-09-417-485D-32	Sequence 32, Appl
	68	9	100.0	27	3	US-08-932-140C-21	Sequence 21, Appl
	69	9	100.0	27	4	US-09-486-623C-28	Sequence 28, Appl
c	70	9	100.0	28	3	US-09-031-006-4	Sequence 4, Appli
	71	9	100.0	28	4	US-09-922-271-4	Sequence 1, Appli
c	72	9	100.0	29	4	US-09-231-077D-1	Sequence 9, Appli
	73	9	100.0	32	4	US-09-938-391A-9	Sequence 14, Appl
	74	9	100.0	34	2	US-08-211-718-14	Sequence 8, Appli
	75	9	100.0	36	3	US-09-383-143-8	Sequence 36, Appl
	76	9	100.0	36	3	US-09-383-143-36	Sequence 1, Appli
	77	9	100.0	37	1	US-08-029-030-1	Patent No. 5455029
	78	9	100.0	37	6	5455029-3	Patent No. 5455029
	79	9	100.0	37	6	5455029-3	Patent No. 5455029
	80	9	100.0	38	3	US-09-194-613-18	Sequence 18, Appl
	81	9	100.0	38	3	US-09-383-143-30	Sequence 30, Appl
	82	9	100.0	39	3	US-09-980-032-4	Sequence 4, Appli
	83	9	100.0	39	3	US-09-477-871-4	Sequence 9, Appli
	84	9	100.0	39	3	US-09-383-143-9	Sequence 27, Appl
	85	9	100.0	40	2	US-08-435-684-27	Sequence 34, Appl
	86	9	100.0	40	2	US-08-435-684-34	Sequence 27, Appl
c	87	9	100.0	40	2	US-08-675-502-27	Sequence 34, Appl
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	89	9	100.0	40	4	US-09-245-802-27	Sequence 34, Appl
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	93	9	100.0	41	3	US-08-477-871-1	Sequence 10, Appl
	94	9	100.0	42	3	US-09-383-143-10	Sequence 35, Appl
	95	9	100.0	44	3	US-08-881-094-35	Sequence 11, Appl
	96	9	100.0	45	2	US-09-383-143-11	Sequence 7, Appli
	97	9	100.0	46	2	US-08-152-721B-7	Sequence 2734, Ap
c	98	9	100.0	47	4	US-09-422-978-2734	Sequence 12, Appl
	99	9	100.0	54	3	US-09-383-143-12	Sequence 174, Appl
c	100	9	100.0	60	1	US-08-484-192-174	

ALIGNMENTS

RESULT 1
US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1995-06-06
; EARLIER APPLICATION NUMBER: 08/467,012
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment

US-09-048-927-1
Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 2
US-09-049-190-6/c
; Sequence 6, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6190866ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
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LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
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FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone

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; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
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; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-(acetyl(2-aminoethyl))-C-lysine-glycine
; OTHER INFORMATION: backbone
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US-09-049-190-6

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Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

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RESULT 3
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; Sequence 7, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:

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; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
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; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
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; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
;
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
;
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
;
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
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; NAME/KEY: Modified-site
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; OTHER INFORMATION: backbone
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; NAME/KEY: Modified-site
; LOCATION: 11
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; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; NAME/KEY: Modified-site
; LOCATION: 13
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; OTHER INFORMATION: backbone
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; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
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; FEATURE:
;
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-(acetyl(2-aminoethyl))-C-lysine-glycine
; OTHER INFORMATION: backbone
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US-09-049-190-7

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Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 GAGTATGAG 9
Db 14 GAGTATGAG 6

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RESULT 4
US-08-932-140C-6/c
; Sequence 6, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932.140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
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; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
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; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:

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; LOCATION: 11
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
; OTHER INFORMATION: lysine-glycine backbone
; US-08-932-140C-6
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Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3
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RESULT 5
US-08-932-140C-7/c
; Sequence 7, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932.140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

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; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
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; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone

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; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
; OTHER INFORMATION: lysine-glycine backbone
;
; US-08-932-140C-7
;
; Query Match 100.0%; Score 9; DB 3; Length 15;
; Best Local Similarity 100.0%; Pred. No. 5.6e+03;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 GAGTATGAG 9
; Db 14 GAGTATGAG 6
;
; RESULT 6
; US-09-486-623C-6/c
; Sequence 6, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
;
; US-09-486-623C-6
;
; Query Match 100.0%; Score 9; DB 4; Length 15;
; Best Local Similarity 100.0%; Pred. No. 5.6e+03;
; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 GAGTATGAG 9
; Db 11 GAGTATGAG 3
;
; RESULT 7
; US-09-486-623C-7/c
; Sequence 7, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292

```

;; CURRENT APPLICATION NUMBER: US/09/486.623C
;; CURRENT FILING DATE: 2000-07-06
;; PRIOR APPLICATION NUMBER: 08/932,140
;; PRIOR FILING DATE: 1997-09-16
;; NUMBER OF SEQ ID NOS: 30
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 7
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic construct
;; NAME/KEY: misc_feature
;; LOCATION: (1)..(14)
;; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
;; NAME/KEY: misc_feature
;; LOCATION: (15)..(15)
;; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-7

Query Match 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 14 GAGTATGAG 6

RESULT 8
US-08-758-306-365/c
; Sequence 365, Application US/08758306
; Patent No. 5807743

;; GENERAL INFORMATION:
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: McSwiggen, James A.
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES
;; TITLE OF INVENTION: ASSOCIATED WITH
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;; NUMBER OF SEQUENCES: 1379
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/758,306
;; FILING DATE: December 3, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 212/132
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510

;; Query Match 100.0%; Score 9; DB 1; Length 17;
;; Best Local Similarity 100.0%; Pred. No. 5.6e+03;
;; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 17 GAGTATGAG 9

;; INFORMATION FOR SEQ ID NO: 365:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-365

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 17 GAGTATGAG 9

RESULT 9
US-08-758-306-367/c
; Sequence 367, Application US/08758306
; Patent No. 5807743

;; GENERAL INFORMATION:
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: McSwiggen, James A.
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES
;; TITLE OF INVENTION: ASSOCIATED WITH
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;; NUMBER OF SEQUENCES: 1379
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/758,306
;; FILING DATE: December 3, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 212/132
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 367:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-367

;; Query Match 100.0%; Score 9; DB 1; Length 17;
;; Best Local Similarity 100.0%; Pred. No. 5.6e+03;
;; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 17 GAGTATGAG 9

Db 15 GAGTATGAG 7

RESULT 10

US-08-758-306-369/c
 ; Sequence 369, Application US/08758306
 ; Patent No. 5807743
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TREATMENT OF DISEASES
 ; TITLE OF INVENTION: ASSOCIATED WITH
 ; INTERLEUKIN-2 RECEPTOR
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
 ; NUMBER OF SEQUENCES: 1379
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/758,306
 ; FILING DATE: December 3, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 212/132
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 369:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-758-306-369

Query Match 100.0%; Score 9; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 Db 12 GAGTATGAG 4

RESULT 11

US-08-758-306-371/c
 ; Sequence 371, Application US/08758306
 ; Patent No. 5807743
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TREATMENT OF DISEASES
 ; TITLE OF INVENTION: ASSOCIATED WITH
 ; INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
 ; NUMBER OF SEQUENCES: 1379
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/758,306
 ; FILING DATE: December 3, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 212/132
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 371:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-758-306-371

Query Match 100.0%; Score 9; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
 Db 9 GAGTATGAG 1

RESULT 12

US-09-866-108A-2750
 ; Sequence 2750, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,455
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2750

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 9 GAGTATGAG 17

RESULT 13
US-09-866-108A-2751
; Sequence 2751, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-866-108A-2751

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 8 GAGTATGAG 16

RESULT 14
US-09-866-108A-2752
; Sequence 2752, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2752
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2752

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 7 GAGTATGAG 15

RESULT 15
US-09-866-108A-2753
; Sequence 2753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

```
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2753

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 16
US-09-866-108A-2754
; Sequence 2754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2753

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 16
US-09-866-108A-2754
; Sequence 2754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2753
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2754

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 5 GAGTATGAG 13

RESULT 17
US-09-866-108A-2755
; Sequence 2755, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2755
; LENGTH: 17
```

; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-2755

Query Match 100.0%; Score 9; DB 4; Length 17;

Best Local Similarity	100.0%;	Pred. No. 5.6e+03;
Matches	9;	Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	GAGTATGAG	9
Dy	4	GAGTATGAG	12

RESULT 18

```

US-09-866-108A-2756
/ Sequence 2756, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A

```

[illegible]

Query Match 100.0%; Score 9; DB 4; Length 17;

```

      0; Gaps 0; Indels 0; Mismatches 0; Predicted Length Error 0;
      Best Local Similarity 100.0%; Pred. NO. 5.6e+03;
      Matches 9; Conservative 0;

```

Qy 1 GAGTATGAG 9
|||
Db 3 GAGTATGAG 11

RESULT 19

US-09-866-108A-2757
; Sequence 2757, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:

/ APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AROMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00667
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00664
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00669
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00668
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00663
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Acomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO 2757
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-866-108A-2757

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9: Conservative 0; Mismatches 0; Indels

Qy 1 GAGTATGAG 9
|||
Db 2 GAGTATGAG 10

RESULT 20

```

US-09-866-108A-2758
/ Sequence 2758, Application US/09866108A
/ Patent No. 686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE E
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,45
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,35
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2758
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2758

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 21

US-09-287-796-101
; Sequence 101, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-101

Query Match 100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17

RESULT 22

US-09-287-796-102
; Sequence 102, Application US/09287796A
; Patent No. 6133246

; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-102

Query Match 100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17

RESULT 23

US-09-130-616-101
; Sequence 101, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-09-130-616-101

Query Match 100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17

RESULT 24

US-09-130-616-102
; Sequence 102, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:

```
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-09-130-616-102

Query Match      100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17

RESULT 25
US-09-105-058C-15
; Sequence 15, Application US/09105058C
; Patent No. 6403360
; GENERAL INFORMATION:
; APPLICANT: Blonar, Michael A.
; APPLICANT: Dworetzky, Steven
; APPLICANT: Gribkoff, Valentin K.
; APPLICANT: Levesque, Paul C.
; APPLICANT: Little, Wayne A.
; APPLICANT: Neubauer, Michael G.
; APPLICANT: Yang, Wen-Pin
; TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
; FILE REFERENCE: 3053-4052
; CURRENT APPLICATION NUMBER: US/09/105,058C
; CURRENT FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: US 60/055,599
; PRIOR FILING DATE: 1997-08-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward primer
; OTHER INFORMATION: from EST sequence similar to the Kv1QT gene
US-09-105-058C-15

Query Match      100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 26
US-09-851-062-29/c
; Sequence 29, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
```

```
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-29

Query Match      100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 19 GAGTATGAG 11

RESULT 27
US-09-517-467B-84/c
; Sequence 84, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-84

Query Match      100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 28
US-09-422-978-6551/c
; Sequence 6551, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
```


; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6551
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-12268 for SEQ 2617,
US-09-422-978-6551

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 1
|||||

RESULT 29

US-09-774-809-101
; Sequence 101, Application US/09774809
; Patent No. 6809193

; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412

; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31

; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03

; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 101
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-101

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17
|||||

RESULT 30

US-09-774-809-102
; Sequence 102, Application US/09774809
; Patent No. 6809193

; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.

; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412

; CURRENT APPLICATION NUMBER: US/09/774,809

; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-102

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 9 GAGTATGAG 17
|||||

RESULT 31

US-09-422-978-8965

; Sequence 8965, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8965

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 99-2048 for SEQ 1100, in complemer

Query Match 100.0%; Score 9; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14
|||||

RESULT 32

5455029-26

; Patent No. 5455029

; APPLICANT: HARTMAN, JACOB R.; OPPENHEIM, AMOS B.; GORECKI,

; MARIAN/AVIV, HAIM; OREN, RACHEL

; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING

; A MIXTURE OF HUMAN CUZIN SUPEROXIDE DISMUTASE ANALOGS

; NUMBER OF SEQUENCES: 30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/933,500

```
; FILING DATE: 21-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 449,125
; FILING DATE: 08-DEC-1989
; APPLICATION NUMBER: 202,238
; FILING DATE: 03JUN-1988
; APPLICATION NUMBER: 897,056
; FILING DATE: 14-AUG-1985
; APPLICATION NUMBER: 767,143
; FILING DATE: 19-AUG-1985
; APPLICATION NUMBER: 644,245
; FILING DATE: 27-AUG-1984
; SEQ ID NO:26:
; LENGTH: 21
5455029-26

Query Match      100.0%; Score 9; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 33
; Patent No. 5455029
; APPLICANT: HARTMAN, JACOB R.; OPPENHEIM, AMOS B.; GORECKI,
; MARIAN; AVIV, HAIM; OREN, RACHEL
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING
; A MIXTURE OF HUMAN CUZIN SUPEROXIDE DISMUTASE ANALOGS
; NUMBER OF SEQUENCES: 30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/933,500
; FILING DATE: 21-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 449,125
; FILING DATE: 08-DEC-1989
; APPLICATION NUMBER: 202,238
; FILING DATE: 03JUN-1988
; APPLICATION NUMBER: 897,056
; FILING DATE: 14-AUG-1985
; APPLICATION NUMBER: 767,143
; FILING DATE: 19-AUG-1985
; APPLICATION NUMBER: 644,245
; FILING DATE: 27-AUG-1984
; SEQ ID NO:26:
; LENGTH: 21
5455029-26

Query Match      100.0%; Score 9; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.7e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 34
US-09-088-274-8/c
; Sequence 8, Application US/09088274A
; Patent No. 6433248
; GENERAL INFORMATION:
; APPLICANT: Lommel, Steven A.
; APPLICANT: Sit, Timmy L.
; TITLE OF INVENTION: Trans-Activation of Transcription from Viral RNA
; FILE REFERENCE: trans activation of transcription
; CURRENT APPLICATION NUMBER: US/09/088,274A
; CURRENT FILING DATE: 1998-06-01
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0

; FILING DATE: 21-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 449,125
; FILING DATE: 08-DEC-1989
; APPLICATION NUMBER: 202,238
; FILING DATE: 03JUN-1988
; APPLICATION NUMBER: 897,056
; FILING DATE: 14-AUG-1985
; APPLICATION NUMBER: 767,143
; FILING DATE: 19-AUG-1985
; APPLICATION NUMBER: 644,245
; FILING DATE: 27-AUG-1984
; SEQ ID NO:26:
; LENGTH: 21
5455029-26

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Qy 1 GAGTATGAG 9
Db 6 GAGTATGAG 14

RESULT 35
US-09-245-248B-23
; Sequence 23, Application US/09245248B
; Patent No. 6395472
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Leary, Thomas
; APPLICANT: Erker, James
; APPLICANT: Chalmers, Michelle
; APPLICANT: Simons, John
; APPLICANT: Birkenmeyer, Larry
; APPLICANT: Muerhoff, Scott
; APPLICANT: Pilot-Matias, Tami
; APPLICANT: Desai, Suresh
; APPLICANT: Mushahwar, Isa
; TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
; FILE REFERENCE: 6461.US.O1
; CURRENT APPLICATION NUMBER: US/09/245,248B
; CURRENT FILING DATE: 1999-02-05
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: (0)..(0)
; OTHER INFORMATION: DFGHI-S1 primer
US-09-245-248B-23

Query Match      100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 19

RESULT 36
US-09-866-108A-5679
; Sequence 5679, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5679
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5679

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
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Db 17 GAGTATGAG 25

RESULT 37
US-09-866-108A-5680
; Sequence 5680, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5681

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 17 GAGTATGAG 25

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5680

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Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
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Db 16 GAGTATGAG 24

RESULT 38
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; Sequence 5681, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5681

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | | | |
Db 16 GAGTATGAG 24

Db 15 GAGTATGAG 23

RESULT 39

US-09-866-108A-5682 ; Sequence 5682, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 5682

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-5682

Query Match 100.0%; Score 9; DB 4; Length 25;

Best Local Similarity 100.0%; Pred. No. 5.8e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9

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Db 14 GAGTATGAG 22

RESULT 40

US-09-866-108A-5683

; Sequence 5683, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 5683

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-5683

Query Match 100.0%; Score 9; DB 4; Length 25;

Best Local Similarity 100.0%; Pred. No. 5.8e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9

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Db 13 GAGTATGAG 21

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Job time : 82 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 319.875 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9

Sequence: 1 gsgatgag 9

Scoring table: IDENTITY_NUC

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Searched: 5544816 seqs, 2976611598 residues

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Maximum Match 100%
Listing first 100 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 66, Appl
Sequence 206, Appl
Sequence 8965, Appl
Sequence 17, Appl

85 9 100.0 20 13 US-10-128-870-15
86 9 100.0 20 14 US-10-131-685-15
87 9 100.0 20 14 US-10-067-514-32
88 9 100.0 20 17 US-10-160-807-128
89 9 100.0 20 17 US-10-160-807-266
90 9 100.0 20 17 US-10-349-143-6551
91 9 100.0 20 17 US-10-419-723-32
92 9 100.0 20 17 US-10-345-444B-101
93 9 100.0 20 17 US-10-345-444B-102
94 9 100.0 20 17 US-10-655-847-128
95 9 100.0 20 17 US-10-655-847-266
96 9 100.0 20 18 US-10-476-961-29
97 9 100.0 20 18 US-10-789-526-66
98 9 100.0 20 18 US-10-789-526-206
99 9 100.0 21 17 US-10-349-143-8965
100 9 100.0 23 17 US-10-380-705-17

ALIGNMENTS

RESULT 1
US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US2003032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1

Query Match 100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.5e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
DB 1 GAGTATGAG 9

RESULT 2
US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US2003032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides

; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match 100.0%; Score 9; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.5e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
DB 1 GAGTATGAG 9

RESULT 3
US-10-818-158-2/c
; Sequence 2, Application US/10818158
; Publication No. US20050020526A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, YIN
; APPLICANT: TAN, XIN XING
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND
; TITLE OF INVENTION: TREATMENT OF SEPSIS
; FILE REFERENCE: CRYA,025-C-CIP
; CURRENT APPLICATION NUMBER: US/10/818,158
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 10/743,956
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/453,410
; PRIOR FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in Ver. 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-818-158-2

Query Match 100.0%; Score 9; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
DB 9 GAGTATGAG 1

RESULT 4
US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBRACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRIK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES

; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 5

US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENHACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 6

US-10-257-017B-305165
; Sequence 305165, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306812
; LENGTH: 12
; TYPE: DNA

; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 305165
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021329
US-10-257-017B-305165

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 7

US-10-257-017B-306811
; Sequence 306811, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306811
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306811

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 8

US-10-257-017B-306812
; Sequence 306812, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306812
; LENGTH: 12
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306812

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 9
US-10-257-017B-321106
; Sequence 321106, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 321106
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030074
US-10-257-017B-321106

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 2 GAGTATGAG 10

RESULT 10
US-10-257-017B-326072
; Sequence 326072, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326072
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032886
US-10-257-017B-326072

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 4 GAGTATGAG 12

RESULT 11
US-10-257-017B-347990/c
; Sequence 347990, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347990
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0045390
US-10-257-017B-347990

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 10 GAGTATGAG 2

RESULT 12
US-10-257-017B-30005
; Sequence 30005, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 30005
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039
US-10-257-017B-30005

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 4 GAGTATGAG 12
```



```
RESULT 13
US-10-257-017B-30006/c
; Sequence 30006, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 30006
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039
US-10-257-017B-30006

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 10 GAGTATGAG 2

RESULT 14
US-10-257-017B-37157
; Sequence 37157, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37157
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603
US-10-257-017B-37157

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 15
US-10-257-017B-37158/c
; Sequence 37158, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37158
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603
US-10-257-017B-37158

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 16
US-10-257-017B-41315
; Sequence 41315, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41315
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414
US-10-257-017B-41315

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 5 GAGTATGAG 13

RESULT 17
US-10-257-017B-41316/c
; Sequence 41316, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 41316
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414
US-10-257-017B-41316

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | | | |
Db 9 GAGTATGAG 1

RESULT 18

US-10-257-017B-48109
; Sequence 48109, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 48109
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750
US-10-257-017B-48109

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | | | |
Db 5 GAGTATGAG 13

RESULT 19

US-10-257-017B-48110/c
; Sequence 48110, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 48110
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750
US-10-257-017B-48110

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | | | |
Db 9 GAGTATGAG 1

RESULT 20

US-10-257-017B-51877
; Sequence 51877, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51877
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51877

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
| | | | | | | | | |
Db 3 GAGTATGAG 11

RESULT 21

US-10-257-017B-51878/c
; Sequence 51878, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51878
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51878

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 11 GAGTATGAG 3

RESULT 22

US-10-257-017B-51881
; Sequence 51881, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51881

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 3 GAGTATGAG 11

RESULT 23

US-10-257-017B-51882/c
; Sequence 51882, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51882

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 11 GAGTATGAG 3

RESULT 24

US-10-257-017B-78847

; Sequence 78847, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 78847
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78847

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 1 GAGTATGAG 9

RESULT 25

US-10-257-017B-78848/c
; Sequence 78848, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 78848
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78848

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | |
Db 13 GAGTATGAG 5

RESULT 26

US-10-257-017B-99307
; Sequence 99307, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99307
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674
US-10-257-017B-99307

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 27
US-10-257-017B-99308/c
; Sequence 99308, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 99308
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674
US-10-257-017B-99308

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 28
US-10-257-017B-109005
; Sequence 109005, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
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; SEQ ID NO 109005
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285
US-10-257-017B-109005

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 2 GAGTATGAG 10

RESULT 29
US-10-257-017B-109006/c
; Sequence 109006, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 109006
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285
US-10-257-017B-109006

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 30
US-10-257-017B-115707
; Sequence 115707, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 115707
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004
US-10-257-017B-115707
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Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 3 GAGTATGAG 11

RESULT 31

US-10-257-017B-115708/c
; Sequence 115708, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 115708
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004
US-10-257-017B-115708

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 11 GAGTATGAG 3

RESULT 32

US-10-257-017B-117597
; Sequence 117597, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 117597
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029403
US-10-257-017B-117597

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 11 GAGTATGAG 3

DB 5 GAGTATGAG 13

RESULT 33

US-10-257-017B-117598/c
; Sequence 117598, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 117598
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029403
US-10-257-017B-117598

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 9 GAGTATGAG 1

RESULT 34

US-10-257-017B-120569
; Sequence 120569, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120569
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120569

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 1 GAGTATGAG 9

RESULT 35

US-10-257-017B-120570/c
; Sequence 120570, Application US/10257017B
; Publication No. US20040241651A1

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; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120570
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120570

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      13 GAGTATGAG 5

RESULT 36
US-10-257-017B-120573
; Sequence 120573, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120573
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120573

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      1 GAGTATGAG 9

RESULT 37
US-10-257-017B-120574/C
; Sequence 120574, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120574
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082
US-10-257-017B-120574

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      13 GAGTATGAG 5

RESULT 38
US-10-257-017B-148813
; Sequence 148813, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 148813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148813

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      3 GAGTATGAG 11

RESULT 39
US-10-257-017B-148814/C
; Sequence 148814, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 148814
; LENGTH: 13
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148814

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
      |||||
Db      11 GAGTATGAG 3

RESULT 40
US-10-257-017B-156043
; Sequence 156043, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 156043
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039372
US-10-257-017B-156043

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
      |||||
Db      4 GAGTATGAG 12

Search completed: March 22, 2005, 19:09:27
Job time : 325.875 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 78 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 taggagat 9

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database :

1: Issued Patents NA.*

2: /cgm2_6/ptodata/1/ina/5A_COMB.seq.*

3: /cgm2_6/ptodata/1/ina/5B_COMB.seq.*

4: /cgm2_6/ptodata/1/ina/6A_COMB.seq.*

5: /cgm2_6/ptodata/1/ina/6B_COMB.seq.*

6: /cgm2_6/ptodata/1/ina/PTCUS_COMB.seq.*

7: /cgm2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	US-09-048-927-22	Sequence 2, Appl
2	9	100.0	19	US-09-398-522-22	Sequence 22, Appl
3	9	100.0	19	US-09-398-522-76	Sequence 76, Appl
4	9	100.0	20	US-09-096-172-6	Sequence 6, Appl
5	9	100.0	20	US-09-422-978-6304	Sequence 6304, Ap
6	9	100.0	21	US-09-422-978-9775	Sequence 9775, Ap
7	9	100.0	21	US-09-816-814-13	Sequence 13, Appl
8	9	100.0	22	US-09-240-948-9	Sequence 9, Appl
9	9	100.0	24	US-09-416-050A-15	Sequence 15, Appl
10	9	100.0	24	US-09-664-800-15	Sequence 15, Appl
11	9	100.0	24	US-09-665-309-15	Sequence 15, Appl
12	9	100.0	24	US-09-661-569-15	Sequence 15, Appl
13	9	100.0	25	US-09-980-777-13	Sequence 13, Appl
14	9	100.0	25	US-09-396-196G-27690	Sequence 27690, A
15	9	100.0	25	US-09-396-196G-27691	Sequence 27691, A
16	9	100.0	25	US-09-396-196G-53922	Sequence 53922, A
17	9	100.0	25	US-09-396-196G-92449	Sequence 92449, A
18	9	100.0	25	US-09-396-196G-94038	Sequence 94038, A
19	9	100.0	25	US-09-396-196G-98060	Sequence 98060, A
20	9	100.0	25	US-09-396-196G-98061	Sequence 98061, A
21	9	100.0	25	US-09-396-196G-108085	Sequence 108085, A
22	9	100.0	25	US-09-396-196G-108086	Sequence 108086, A
23	9	100.0	25	US-09-396-196G-116193	Sequence 116193, A
24	9	100.0	25	US-09-396-196G-116194	Sequence 116194, A
25	9	100.0	25	US-09-396-196G-120708	Sequence 120708, A
26	9	100.0	25	US-09-396-196G-120728	Sequence 120728, A
27	9	100.0	25	US-09-396-196G-120729	Sequence 120729, A

C 28	9	100.0	25	4	US-09-396-196G-120730	Sequence 120730, A
C 29	9	100.0	25	4	US-09-396-196G-120731	Sequence 120731, A
C 30	9	100.0	25	4	US-09-396-196G-120735	Sequence 120735, A
C 31	9	100.0	25	4	US-09-396-196G-120736	Sequence 120736, A
C 32	9	100.0	25	4	US-09-396-196G-120737	Sequence 120737, A
C 33	9	100.0	25	4	US-09-396-196G-120738	Sequence 120738, A
C 34	9	100.0	28	3	US-09-061-768A-33	Sequence 33, Appl
C 35	9	100.0	28	4	US-09-764-246-33	Sequence 33, Appl
C 36	9	100.0	29	1	US-08-310-356-20	Sequence 20, Appl
C 37	9	100.0	30	3	US-09-019-793A-105	Sequence 105, Appl
C 38	9	100.0	30	4	US-09-601-326-43	Sequence 43, Appl
C 39	9	100.0	33	2	US-08-189-256A-46	Sequence 46, Appl
C 40	9	100.0	33	3	US-09-193-853-46	Sequence 46, Appl
C 41	9	100.0	36	5	PCT-US95-00605-12	Sequence 12, Appl
C 42	9	100.0	36	5	PCT-US95-00605-13	Sequence 13, Appl
C 43	9	100.0	47	4	US-09-422-978-905	Sequence 905, Appl
C 44	9	100.0	47	4	US-09-422-978-2210	Sequence 2210, Appl
C 45	9	100.0	90	4	US-09-419-381-89	Sequence 89, Appl
C 46	9	100.0	98	1	US-08-425-336-117	Sequence 117, Appl
C 47	9	100.0	98	1	US-08-488-113B-117	Sequence 117, Appl
C 48	9	100.0	98	1	US-08-477-484B-117	Sequence 117, Appl
C 49	9	100.0	98	1	US-08-107-669D-30	Sequence 30, Appl
C 50	9	100.0	98	1	US-08-472-788A-30	Sequence 30, Appl
C 51	9	100.0	98	1	US-08-477-531B-30	Sequence 30, Appl
C 52	9	100.0	98	2	US-08-646-360-117	Sequence 117, Appl
C 53	9	100.0	98	2	US-08-082-842A-30	Sequence 30, Appl
C 54	9	100.0	98	3	US-08-839-765-117	Sequence 117, Appl
C 55	9	100.0	98	3	US-09-136-389-117	Sequence 117, Appl
C 56	9	100.0	98	3	US-09-610-838-117	Sequence 117, Appl
C 57	9	100.0	98	4	US-09-711-485-117	Sequence 117, Appl
C 58	9	100.0	105	3	US-08-746-111-37	Sequence 37, Appl
C 59	9	100.0	110	4	US-09-313-294A-5950	Sequence 5950, Appl
C 60	9	100.0	118	4	US-09-513-999C-28878	Sequence 28878, A
C 61	9	100.0	119	5	PCT-US91-00909-23	Sequence 23, Appl
C 62	9	100.0	123	5	PCT-US91-00909-22	Sequence 22, Appl
C 63	9	100.0	126	4	US-09-513-999C-18959	Sequence 18959, A
C 64	9	100.0	126	4	US-09-513-999C-19026	Sequence 19026, A
C 65	9	100.0	130	4	US-09-513-999C-14622	Sequence 14622, A
C 66	9	100.0	135	1	US-08-153-051B-23	Sequence 23, Appl
C 67	9	100.0	135	1	US-08-060-952C-39	Sequence 39, Appl
C 68	9	100.0	135	2	US-08-151-477A-23	Sequence 23, Appl
C 69	9	100.0	135	3	US-08-819-867-53	Sequence 53, Appl
C 70	9	100.0	135	3	US-08-464-011B-39	Sequence 39, Appl
C 71	9	100.0	135	4	US-09-378-535-53	Sequence 53, Appl
C 72	9	100.0	142	4	US-09-513-999C-16397	Sequence 16397, A
C 73	9	100.0	142	4	US-09-513-999C-21693	Sequence 21693, A
C 74	9	100.0	144	4	US-09-513-999C-18454	Sequence 18454, A
C 75	9	100.0	145	4	US-09-513-999C-26876	Sequence 26876, A
C 76	9	100.0	148	4	US-09-513-999C-19392	Sequence 19392, A
C 77	9	100.0	152	3	US-08-532-896-11	Sequence 11, Appl
C 78	9	100.0	155	4	US-09-513-999C-18039	Sequence 18039, A
C 79	9	100.0	155	4	US-09-513-999C-20141	Sequence 20141, A
C 80	9	100.0	160	4	US-09-513-999C-18115	Sequence 18115, A
C 81	9	100.0	167	4	US-09-513-999C-26741	Sequence 26741, A
C 82	9	100.0	169	4	US-09-513-999C-34611	Sequence 34611, A
C 83	9	100.0	173	4	US-09-513-999C-12211	Sequence 12211, A
C 84	9	100.0	175	4	US-09-621-976-16047	Sequence 16047, A
C 85	9	100.0	176	4	US-09-513-999C-28514	Sequence 28514, A
C 86	9	100.0	177	4	US-09-621-976-15079	Sequence 15079, A
C 87	9	100.0	180	1	US-07-718-535-1	Sequence 1, Appl
C 88	9	100.0	180	1	US-08-161-999-1	Sequence 1, Appl
C 89	9	100.0	180	4	US-09-513-999C-36598	Sequence 36598, A
C 90	9	100.0	183	4	US-09-252-991A-5475	Sequence 5475, Appl
C 91	9	100.0	184	4	US-09-513-999C-20425	Sequence 20425, A
C 92	9	100.0	195	4	US-09-252-991A-7000	Sequence 7000, Appl
C 93	9	100.0	195	4	US-08-248-756A-9565	Sequence 9565, Appl
C 94	9	100.0	198	4	US-09-107-433-337	Sequence 337, Appl
C 95	8.6	95.6	47	4	US-09-422-978-3032	Sequence 3032, Appl
C 96	8.6	95.6	107	4	US-09-513-999C-29619	Sequence 29619, A
C 97	8.6	95.6	115	4	US-09-513-999C-15984	Sequence 15984, A
C 98	8.6	95.6	163	4	US-09-621-976-12243	Sequence 12243, A
C 99	8.2	91.1	178	4	US-09-513-999C-32704	Sequence 32704, A
C 100	8	88.9	12	3	US-09-290-449-15	Sequence 15, Appl

ALIGNMENTS

RESULT 1
US-09-048-927-2
; Sequence 2, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-2

Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||
Db 1 TAGGAGGAT 9

RESULT 2
US-09-398-522-22/c
; Sequence 22, Application US/09398522
; Patent No. 6783933
; GENERAL INFORMATION:
; APPLICANT: Issa, Jean-Pierre
; TITLE OF INVENTION: CACNAIG POLYNUCLEOTIDE POLYPEPTIDE AND
; FILE REFERENCE: JHUI590
; CURRENT APPLICATION NUMBER: US/09/398,522
; CURRENT FILING DATE: 1999-09-15
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Bisulfite-PCR primer
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: r = G or A
US-09-398-522-22

Query Match 100.0%; Score 9; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||
Db 17 TAGGAGGAT 9

RESULT 3
US-09-398-522-76
; Sequence 76, Application US/09398522
; Patent No. 6783933
; GENERAL INFORMATION:
; APPLICANT: Issa, Jean-Pierre
; TITLE OF INVENTION: CACNAIG POLYNUCLEOTIDE POLYPEPTIDE AND
; FILE REFERENCE: JHUI590
; CURRENT APPLICATION NUMBER: US/09/398,522
; CURRENT FILING DATE: 1999-09-15
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence for bisulfite-PCR primer
; NAME/KEY: misc.feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: y = C or T
US-09-398-522-76

Query Match 100.0%; Score 9; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
|||
Db 3 TAGGAGGAT 11

RESULT 4
US-09-096-172-6
; Sequence 6, Application US/09096172
; Patent No. 6284252
; GENERAL INFORMATION:
; APPLICANT: MEHTALI, Majid
; APPLICANT: SORG, Tania
; TITLE OF INVENTION: NEW TRANSDOMINANT TAT VARIANTS OF THE
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESS: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/096,172
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/177,145
; FILING DATE: 04-JAN-1994
; APPLICATION NUMBER: FR 93 00004
; FILING DATE: 04-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Crane-Feuty, Sharon E
; REGISTRATION/DOCKET NUMBER: 36,113
; REFERENCE/DOCKET NUMBER: 017753-040
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: YES

; ORIGINAL SOURCE:

; INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT

; INDIVIDUAL ISOLATE: 4511e to Ser)

US-09-096-172-6

Query Match

Best Local Similarity 100.0%; Score 9; DB 3; Length 20;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9

DB 5 TAGGAGGAT 13

RESULT 5

US-09-422-978-6304/c

; Sequence 6304, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; TITLE OF INVENTION: Blallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6304

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,

US-09-422-978-6304

Query Match

Best Local Similarity 100.0%; Score 9; DB 4; Length 20;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9

DB 18 TAGGAGGAT 10

RESULT 6

US-09-422-978-9775/c

; Sequence 9775, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; TITLE OF INVENTION: Blallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 9775

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 99-7276 for SEQ 1910, in complemer

US-09-422-978-9775

Query Match

Best Local Similarity 100.0%; Score 9; DB 4; Length 21;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9

DB 11 TAGGAGGAT 3

RESULT 7

US-09-816-814-13/c

; Sequence 13, Application US/09816814

; Patent No. 6818406

; GENERAL INFORMATION:

; APPLICANT: Goronzy, Jorg J.

; APPLICANT: Weyand, Cornelia M.

; TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS

; FILE REFERENCE: 07039-251001

; CURRENT APPLICATION NUMBER: US/09/816,814

; CURRENT FILING DATE: 2001-03-23

; NUMBER OF SEQ ID NOS: 23

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 13

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer for PCR

US-09-816-814-13

Query Match

Best Local Similarity 100.0%; Score 9; DB 4; Length 21;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9

DB 15 TAGGAGGAT 7

RESULT 8

US-09-240-918-9

; Sequence 9, Application US/09240918

; Patent No. 6265165

; GENERAL INFORMATION:

; APPLICANT: Gruenert, Dieter C.

; APPLICANT: Xu, Zhidong

; TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH cDNA CLONING

; FILE REFERENCE: 480.85.1(HV)

; CURRENT APPLICATION NUMBER: US/09/240,918

; CURRENT FILING DATE: 1999-01-29

; PRIOR APPLICATION NUMBER: 60/108,183

; PRIOR FILING DATE: 1998-11-12

; NUMBER OF SEQ ID NOS: 96

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 9

; LENGTH: 22

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-240-918-9

Query Match 100.0%; Score 9; DB 3; Length 22;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 9 TAGGAGGAT 17

RESULT 9

US-09-416-050A-15/c

; Sequence 15, Application US/09416050A

; Patent No. 6194559

; GENERAL INFORMATION:

; APPLICANT: KIM. Soo Young

; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors

; FILE REFERENCE: 1942/42

; CURRENT APPLICATION NUMBER: US/09/416,050A

; PRIOR FILING DATE: 1999-10-12

; NUMBER OF SEQ ID NOS: 83

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

US-09-416-050A-15

Query Match

100.0%; Score 9; DB 3; Length 24;

Best Local Similarity 100.0%; Pred. No. 9.9e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 10

US-09-664-800-15/c

; Sequence 15, Application US/09664800

; Patent No. 6218527

; GENERAL INFORMATION:

; APPLICANT: KIM. Soo Young

; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors

; FILE REFERENCE: 1942/42

; CURRENT APPLICATION NUMBER: US/09/664,800

; PRIOR FILING DATE: 2000-09-19

; CURRENT APPLICATION NUMBER: 09/416,050

; PRIOR FILING DATE: 1999-10-12

; NUMBER OF SEQ ID NOS: 83

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

US-09-664-800-15

Query Match

100.0%; Score 9; DB 3; Length 24;

Best Local Similarity 100.0%; Pred. No. 9.9e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 11

US-09-665-309-15/c

; Sequence 15, Application US/09665309

; Patent No. 6232461

; GENERAL INFORMATION:

; APPLICANT: KIM. Soo Young

; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors

; FILE REFERENCE: 1942/42

; CURRENT APPLICATION NUMBER: US/09/665,309

; PRIOR FILING DATE: 2000-09-19

; CURRENT APPLICATION NUMBER: 09/416,050

; PRIOR FILING DATE: 1999-10-12

; NUMBER OF SEQ ID NOS: 83

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

US-09-665-309-15

Query Match

100.0%; Score 9; DB 3; Length 24;

Best Local Similarity 100.0%; Pred. No. 9.9e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 12

US-09-661-569-15/c

; Sequence 15, Application US/09661569

; Patent No. 6245905

; GENERAL INFORMATION:

; APPLICANT: KIM. Soo Young

; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors

; FILE REFERENCE: 1942/42

; CURRENT APPLICATION NUMBER: US/09/661,569

; PRIOR FILING DATE: 2000-09-14

; CURRENT APPLICATION NUMBER: 09/416,050

; PRIOR FILING DATE: 1999-10-12

; NUMBER OF SEQ ID NOS: 83

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

US-09-661-569-15

Query Match

100.0%; Score 9; DB 3; Length 24;

Best Local Similarity 100.0%; Pred. No. 9.9e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 17 TAGGAGGAT 9

RESULT 13

US-09-980-777-13

; Sequence 13, Application US/09980777

; Patent No. 6794129

; GENERAL INFORMATION:

; APPLICANT: TELLES, Jean-No. 67941291

; APPLICANT: BRUN-VEZINET, Francoise

; APPLICANT: DESCAMPS, Diane

; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus

; TITLE OF INVENTION: in a Biological Sample Taken from a Patient

; FILE REFERENCE: 111380

; CURRENT APPLICATION NUMBER: US/09/980,777

; PRIOR FILING DATE: 2002-02-20

; CURRENT APPLICATION NUMBER: PCT/FR00/01728

; PRIOR FILING DATE: 2000-06-21

; PRIOR APPLICATION NUMBER: FR 99/07855

; PRIOR FILING DATE: 1999-06-21

; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe (position 54)
US-09-980-777-13

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
DB 1 TAGGAGGAT 9

RESULT 14
US-09-396-196G-27690/c
; Sequence 27690, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27690
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-27690

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
DB 18 TAGGAGGAT 10

RESULT 15
US-09-396-196G-27691/c
; Sequence 27691, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27691
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-27691

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
DB 12 TAGGAGGAT 4

RESULT 16
US-09-396-196G-53922/c
; Sequence 53922, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53922
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-53922

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
DB 14 TAGGAGGAT 6

RESULT 17
US-09-396-196G-92449
; Sequence 92449, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92449
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-92449

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
DB 14 TAGGAGGAT 22

```
RESULT 18
US-09-396-196G-94038/c
; Sequence 94038, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94038
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-94038

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      22 TAGGAGGAT 14

RESULT 19
US-09-396-196G-98060/c
; Sequence 98060, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-98060

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      22 TAGGAGGAT 14

RESULT 20
US-09-396-196G-98061/c
; Sequence 98061, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98061
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-98061

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      23 TAGGAGGAT 15

RESULT 21
US-09-396-196G-108085/c
; Sequence 108085, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108085
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108085

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      23 TAGGAGGAT 15

RESULT 22
US-09-396-196G-108086/c
; Sequence 108086, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      23 TAGGAGGAT 15
```

; SEQ ID NO 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 11 TAGGAGGAT 3

RESULT 23

US-09-396-196G-116193
; Sequence 116193, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116193

; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116193

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 17 TAGGAGGAT 25

RESULT 24

US-09-396-196G-116194
; Sequence 116194, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116194

; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116194

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 15 TAGGAGGAT 23

RESULT 25

US-09-396-196G-120708/c
; Sequence 120708, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120708

; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120708

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 25 TAGGAGGAT 17

RESULT 26

US-09-396-196G-120728/c
; Sequence 120728, Application US/09396196G
; Patent No. 6821724

; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120728

; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120728

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 13 TAGGAGGAT 5

RESULT 27

US-09-396-196G-120729/c
; Sequence 120729, Application US/09396196G

```
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120729
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120729

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      12 TAGGAGGAT 4

RESULT 28
US-09-396-196G-120730/c
; Sequence 120730, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120730
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120730

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      12 TAGGAGGAT 4

RESULT 29
US-09-396-196G-120731/c
; Sequence 120731, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120731
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120731

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      11 TAGGAGGAT 3

RESULT 30
US-09-396-196G-120735/c
; Sequence 120735, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120735
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120735

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      13 TAGGAGGAT 5

RESULT 31
US-09-396-196G-120736/c
; Sequence 120736, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120736
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120736
```


US-09-396-196G-120736

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 32

US-09-396-196G-120737/c

; Sequence 120737, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120737
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus

US-09-396-196G-120737

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 33

US-09-396-196G-120738/c

; Sequence 120738, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120738
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus

US-09-396-196G-120738

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 10 TAGGAGGAT 2

RESULT 34

US-09-061-768A-33

; Sequence 33, Application US/09061768A
; Patent No. 6204037
; GENERAL INFORMATION:
; APPLICANT: BRASH, ALAN R.
; APPLICANT: BOEGLIN, WILLIAM E.
; APPLICANT: JISAKA, MITSUO
; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESS: ARLES A. TAYLOR, JR.
; CITY: DURHAM
; STATE: NORTH CAROLINA
; COUNTRY: USA
; ZIP: 27707
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
; COMPUTER: IBM PC/XT/AT compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORD PERFECT 6.1 and ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061.768A
; FILING DATE: APRIL 16, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: NONE
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: ARLES A. TAYLOR, JR.
; REGISTRATION NUMBER: 39,395
; REFERENCE/DOCKET NUMBER: 1242/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 493-8000
; TELEFAX: (919) 419-0383
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-061-768A-33

Query Match 100.0%; Score 9; DB 3; Length 28;

Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 7 TAGGAGGAT 15

RESULT 35

US-09-764-246-33

; Sequence 33, Application US/09764246
; Patent No. 6649355
; GENERAL INFORMATION:
; APPLICANT: BRASH, ALAN R.
; APPLICANT: BOEGLIN, WILLIAM E.
; APPLICANT: JISAKA, MITSUO
; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESS: ARLES A. TAYLOR, JR.
; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
; CITY: DURHAM
; STATE: NORTH CAROLINA
; COUNTRY: USA
; ZIP: 27707

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/XT/AT compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORD PERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-764-246-33

Query Match 100.0%; Score 9; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 7 TAGGAGGAT 15

RESULT 36
US-08-310-356-20/c
Sequence 20, Application US/08310356
Patent No. 5648243
GENERAL INFORMATION:
APPLICANT: Hurwitz, David R
APPLICANT: Nathan, Margaret
APPLICANT: Shani, Moshe
TITLE OF INVENTION: Transgenic Protein Production
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhoné-Poulenc Rorer Legal Department
STREET: 500 Arcola Road
CITY: Collegeville
STATE: PA
COUNTRY: USA
ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System 7.0
SOFTWARE: Microsoft Word Version 5.0 (PatentIn)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,356
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/737,853
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0856
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 454-3817

TELEFAX: (215) 454-3808
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-310-356-20

Query Match 100.0%; Score 9; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 23 TAGGAGGAT 15

RESULT 37
US-09-019-793A-105/c
Sequence 105, Application US/09019793A
Patent No. 6380376
GENERAL INFORMATION:
APPLICANT: PAUL, Prem
APPLICANT: MENG, Xiang-Jin
APPLICANT: MOROZOV, Igor
APPLICANT: HALBUR, Patrick
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PPRSV)
FILE REFERENCE: 4625-0039-55X CIP
CURRENT APPLICATION NUMBER: US/09/019,793A
CURRENT FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: 08/478,316
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/301,435
PRIOR FILING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: 08/131,625
PRIOR FILING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: 07/969,071
PRIOR FILING DATE: 1992-10-30
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-09-019-793A-105

Query Match 100.0%; Score 9; DB 3; Length 30;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 15 TAGGAGGAT 7

RESULT 38
US-09-601-326-43/c
Sequence 43, Application US/09601326
Patent No. 6773908
GENERAL INFORMATION:
APPLICANT: PAUL DR., PREM S
APPLICANT: ZHANG, YANJIN
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PPRSV)
FILE REFERENCE: 8199-0005-55XCIP WO
CURRENT APPLICATION NUMBER: US/09/601,326
CURRENT FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: PCT/US99/02630
PRIOR FILING DATE: 1999-04-19

;; PRIOR APPLICATION NUMBER: US 09/019,793
;; PRIOR FILING DATE: 1998-02-06
;; PRIOR APPLICATION NUMBER: US 08/478,316
;; PRIOR FILING DATE: 1995-06-07
;; PRIOR APPLICATION NUMBER: US 08/301,435
;; PRIOR FILING DATE: 1994-09-01
;; PRIOR APPLICATION NUMBER: US 08/131,625
;; PRIOR FILING DATE: 1993-10-05
;; PRIOR APPLICATION NUMBER: US 07/969,071
;; PRIOR FILING DATE: 1992-10-30
;; NUMBER OF SEQ ID NOS: 175
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 43
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-601-326-43

Query Match 100.0%; Score 9; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
DB 15 TAGGAGGAT 7

RESULT 39
US-08-189-256A-46/c
; Sequence 46, Application US/08189256A
; Patent No. 5877402
; GENERAL INFORMATION:
; APPLICANT: Maliga, Pal
; APPLICANT: Svab, Zora
; APPLICANT: Staub, Jeffrey
; APPLICANT: Zoubenko, Oleg V.
; APPLICANT: Allison, Lori A.
; APPLICANT: Carrier, Helaine
; APPLICANT: Kanevski, Ivan
; TITLE OF INVENTION: DNA Constructs and Methods for Stably
; TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/189,256A
; FILING DATE: 31-JAN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/111,398
; FILING DATE: 25-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,763
; FILING DATE: 01-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044

;; INFORMATION FOR SEQ ID NO: 46:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 33 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-189-256A-46

Query Match 100.0%; Score 9; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
DB 27 TAGGAGGAT 19

RESULT 40
US-09-193-853-46/c
; Sequence 46, Application US/09193853
; Patent No. 6388168
; GENERAL INFORMATION:
; APPLICANT: Maliga, Pal
; APPLICANT: Svab, Zora
; APPLICANT: Staub, Jeffrey
; APPLICANT: Zoubenko, Oleg V.
; APPLICANT: Allison, Lori A.
; APPLICANT: Carrier, Helaine
; APPLICANT: Kanevski, Ivan
; TITLE OF INVENTION: DNA Constructs and Methods for Stably
; TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/193,853
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/189,256
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,763
; FILING DATE: 01-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 563-4100
; TELEFAX: (215) 563-4044
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

US-09-193-853-46

Query Match 100.0%; Score 9; DB 3; Length 33;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | |
Db 27 TAGGAGGAT 19

Search completed: March 22, 2005, 10:49:05
Job time : 82 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 319.875 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 tagaggat 9

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 1.0

Searched: 5544816 seqs, 2976611598 residues

Total number of hits satisfying chosen parameters: 5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA.*

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4: /cgm2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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10: /cgm2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
11: /cgm2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
12: /cgm2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
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20: /cgm2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
21: /cgm2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
22: /cgm2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	14	US-10-122-630-2
2	9	100.0	9	14	US-10-122-633-2
3	9	100.0	10	16	US-10-223-765-202
4	9	100.0	12	18	US-10-257-017B-273134
5	9	100.0	12	18	US-10-257-017B-279026
6	9	100.0	12	18	US-10-257-017B-283661
7	9	100.0	12	18	US-10-257-017B-286795
8	9	100.0	12	18	US-10-257-017B-295564
9	9	100.0	12	18	US-10-257-017B-299027
10	9	100.0	12	18	US-10-257-017B-306420
11	9	100.0	12	18	US-10-257-017B-314625
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					Sequence 2, Appli
					Sequence 202, App
					Sequence 273134,
					Sequence 279026,
					Sequence 283661,
					Sequence 286795,
					Sequence 295564,
					Sequence 299027,
					Sequence 306420,
					Sequence 314625,

Sequence 316022,
Sequence 338584,
Sequence 339176,
Sequence 340374,
Sequence 375136,
Sequence 376139,
Sequence 378060,
Sequence 380205,
Sequence 6159, Ap
Sequence 6160, Ap
Sequence 20923, A
Sequence 20924, A
Sequence 40333, A
Sequence 40334, A
Sequence 54941, A
Sequence 54942, A
Sequence 72189, A
Sequence 72190, A
Sequence 84907, A
Sequence 84908, A
Sequence 118049,
Sequence 118050,
Sequence 128783,
Sequence 128784,
Sequence 166363,
Sequence 166364,
Sequence 192849,
Sequence 192850,
Sequence 201789,
Sequence 201790,
Sequence 216341,
Sequence 216342,
Sequence 231989,
Sequence 231990,
Sequence 240467,
Sequence 240468,
Sequence 246659,
Sequence 246660,
Sequence 253579,
Sequence 253580,
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Sequence 254800,
Sequence 262049,
Sequence 262050,
Sequence 262995,
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Sequence 169, App
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Sequence 22, Appl
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Sequence 23, Appl
Sequence 76, Appl
Sequence 19, Appl
Sequence 162, App
Sequence 163, App
Sequence 164, App
Sequence 104, App
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Sequence 280, App
Sequence 484, App
Sequence 13, Appl
Sequence 17, Appl
Sequence 341, App
Sequence 9775, Ap
Sequence 23, Appl
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Sequence 11360, A
Sequence 11361, A
Sequence 11362, A

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 c 87 9 100.0 21 18 US-10-786-720-11450
 c 88 9 100.0 21 18 US-10-786-720-11451
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 c 90 9 100.0 21 18 US-10-751-736-20852
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 c 97 9 100.0 21 18 US-10-751-736-21597
 c 98 9 100.0 21 18 US-10-751-736-49177
 c 99 9 100.0 21 18 US-10-751-736-49178
 100 9 100.0 21 18 US-10-751-736-49179

ALIGNMENTS

RESULT 1
 US-10-122-630-2
 ; Sequence 2, Application US/10122630
 ; Publication No. US20030032610A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gilchrist, Barbara A.
 ; APPLICANT: Eller, Mark S.
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
 ; TITLE OF INVENTION: Oligonucleotides
 ; FILE REFERENCE: 0054.1088-018
 ; CURRENT APPLICATION NUMBER: US/10/122,630
 ; CURRENT FILING DATE: 2002-04-12
 ; PRIOR APPLICATION NUMBER: US 08/467,012
 ; PRIOR FILING DATE: 1995-06-06
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386
 ; PRIOR FILING DATE: 1996-06-03
 ; PRIOR APPLICATION NUMBER: US 09/048,927
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: US 09/540,843
 ; PRIOR FILING DATE: 2000-03-31
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162
 ; PRIOR FILING DATE: 2001-03-30
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic DNA Fragment
 US-10-122-630-2

Query Match 100.0%; Score 9; DB 14; Length 9;
 Best Local Similarity 100.0%; Pred. No. 6.6e+08;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
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 Db 1 TAGGAGGAT 9

RESULT 2
 US-10-122-633-2
 ; Sequence 2, Application US/10122633
 ; Publication No. US20030032611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gilchrist, Barbara A.
 ; APPLICANT: Eller, Mark S.
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
 ; TITLE OF INVENTION: Oligonucleotides

Sequence 11364, A
 Sequence 11449, A
 Sequence 11450, A
 Sequence 11451, A
 Sequence 20851, A
 Sequence 20852, A
 Sequence 20853, A
 Sequence 21292, A
 Sequence 21293, A
 Sequence 21294, A
 Sequence 21596, A
 Sequence 21597, A
 Sequence 49177, A
 Sequence 49178, A
 Sequence 49179, A

; FILE REFERENCE: 0054.1088-019
 ; CURRENT APPLICATION NUMBER: US/10/122,633
 ; CURRENT FILING DATE: 2002-04-12
 ; PRIOR APPLICATION NUMBER: US 09/540,843
 ; PRIOR FILING DATE: 2000-03-31
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162
 ; PRIOR FILING DATE: 2001-03-30
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic DNA Fragment
 US-10-122-633-2

Query Match 100.0%; Score 9; DB 14; Length 9;
 Best Local Similarity 100.0%; Pred. No. 6.6e+08;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
 |||||
 Db 1 TAGGAGGAT 9

RESULT 3
 US-10-223-765-202
 ; Sequence 202, Application US/10223765
 ; Publication No. US20030165997A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kim, Jin-Soo
 ; APPLICANT: Bae, Kwang-Hee
 ; APPLICANT: Park, Kyung-Soon
 ; APPLICANT: Kwon, Young Do
 ; APPLICANT: Ryu, Eun-Hyun
 ; APPLICANT: Hwang, Moon-Sun
 ; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
 ; FILE REFERENCE: 12279-005001
 ; CURRENT APPLICATION NUMBER: US/10/223,765
 ; CURRENT FILING DATE: 2002-08-19
 ; PRIOR APPLICATION NUMBER: 60/374,355
 ; PRIOR FILING DATE: 2002-04-22
 ; PRIOR APPLICATION NUMBER: 60/313,402
 ; PRIOR FILING DATE: 2001-08-17
 ; NUMBER OF SEQ ID NOS: 305
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 202
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetically generated oligonucleotide
 US-10-223-765-202

Query Match 100.0%; Score 9; DB 16; Length 10;
 Best Local Similarity 100.0%; Pred. No. 6.8e+04;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
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 Db 2 TAGGAGGAT 10

RESULT 4
 US-10-257-017B-273134
 ; Sequence 273134, Application US/10257017B
 ; Publication No. US20040241651A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273134
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003058
US-10-257-017B-273134

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 3 TAGGAGGAT 11

RESULT 5

US-10-257-017B-279026/c
; Sequence 279026, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279026
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006799
US-10-257-017B-279026

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 12 TAGGAGGAT 4

RESULT 6

US-10-257-017B-283661
; Sequence 283661, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 283661
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011446
US-10-257-017B-283661

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||
Db 3 TAGGAGGAT 11

RESULT 7

US-10-257-017B-286795/c
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; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286795
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012825
US-10-257-017B-286795

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
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Db 9 TAGGAGGAT 1

RESULT 8

US-10-257-017B-295564
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; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295564
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016640
US-10-257-017B-295564

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Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 9
US-10-257-017B-299027/c
; Sequence 299027, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299027
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018404
US-10-257-017B-299027

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 10
US-10-257-017B-306420
; Sequence 306420, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306420
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022000
US-10-257-017B-306420

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9
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Db 1 TAGGAGGAT 9

RESULT 11
US-10-257-017B-314625
; Sequence 314625, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314625
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026468
US-10-257-017B-314625

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 12
US-10-257-017B-316022
; Sequence 316022, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316022
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027234
US-10-257-017B-316022

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

RESULT 13
US-10-257-017B-338584/c
; Sequence 338584, Application US/10257017B
; Publication No. US20040241651A1
```



```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 338584
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040564
US-10-257-017B-338584

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      12 TAGGAGGAT 4

RESULT 14
US-10-257-017B-339176/c
; Sequence 339176, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 339176
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040884
US-10-257-017B-339176

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      12 TAGGAGGAT 4

RESULT 15
US-10-257-017B-340374
; Sequence 340374, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
```

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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041493
US-10-257-017B-340374

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      1 TAGGAGGAT 9

RESULT 16
US-10-257-017B-375136/c
; Sequence 375136, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375136
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061083
US-10-257-017B-375136

Query Match      100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      11 TAGGAGGAT 3

RESULT 17
US-10-257-017B-376139/c
; Sequence 376139, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376139
; LENGTH: 12
```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061637
US-10-257-017B-376139

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 12 TAGGAGGAT 4

RESULT 18

US-10-257-017B-378060
; Sequence 378060, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 378060
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062608
US-10-257-017B-378060

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 4 TAGGAGGAT 12

RESULT 19

US-10-257-017B-380205/c
; Sequence 380205, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 380205
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001590
US-10-257-017B-380205

Query Match 100.0%; Score 9; DB 18; Length 12;

Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 10 TAGGAGGAT 2

RESULT 20

US-10-257-017B-6159
; Sequence 6159, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 6159
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935
US-10-257-017B-6159

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 4 TAGGAGGAT 12

RESULT 21

US-10-257-017B-6160/c
; Sequence 6160, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 6160
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935
US-10-257-017B-6160

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
| | | | | | | |
Db 10 TAGGAGGAT 2

```
RESULT 22
US-10-257-017B-20923
; Sequence 20923, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 20923
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246
US-10-257-017B-20923

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

RESULT 23
US-10-257-017B-20924/C
; Sequence 20924, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 20924
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246
US-10-257-017B-20924

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 24
US-10-257-017B-40333
; Sequence 40333, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
```

```
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 40333
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40333

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9

RESULT 25
US-10-257-017B-40334/C
; Sequence 40334, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 40334
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40334

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5

RESULT 26
US-10-257-017B-54941
; Sequence 54941, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54941
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046
US-10-257-017B-54941

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 3 TAGGAGGAT 11

RESULT 27
US-10-257-017B-54942/c
; Sequence 54942, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54942
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046
US-10-257-017B-54942

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 28
US-10-257-017B-72189
; Sequence 72189, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 72189
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72189

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 1 TAGGAGGAT 9

RESULT 29
US-10-257-017B-72190/c
; Sequence 72190, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 72190
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72190

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 13 TAGGAGGAT 5

RESULT 30
US-10-257-017B-84907
; Sequence 84907, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 84907
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021360
US-10-257-017B-84907

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY      1 TAGGAGGAT 9
      |||||
Db      3 TAGGAGGAT 11

RESULT 31
US-10-257-017B-84908/c
; Sequence 84908, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 84908
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021360
US-10-257-017B-84908

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 TAGGAGGAT 9
      |||||
Db      11 TAGGAGGAT 3

RESULT 32
US-10-257-017B-118049
; Sequence 118049, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118049
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029521
US-10-257-017B-118049

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 TAGGAGGAT 9
      |||||
Db      4 TAGGAGGAT 12

RESULT 33
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```
US-10-257-017B-118050/c
; Sequence 118050, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118050
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029521
US-10-257-017B-118050

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 TAGGAGGAT 9
      |||||
Db      10 TAGGAGGAT 2

RESULT 34
US-10-257-017B-128783
; Sequence 128783, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 128783
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242
US-10-257-017B-128783

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches      9; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 TAGGAGGAT 9
      |||||
Db      2 TAGGAGGAT 10

RESULT 35
US-10-257-017B-128784/c
; Sequence 128784, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 128784
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242
US-10-257-017B-128784

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 36
US-10-257-017B-166363
; Sequence 166363, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 166363
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798
US-10-257-017B-166363

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 2 TAGGAGGAT 10

RESULT 37
US-10-257-017B-166364/c
; Sequence 166364, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
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; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 166364
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798
US-10-257-017B-166364

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 12 TAGGAGGAT 4

RESULT 38
US-10-257-017B-192849
; Sequence 192849, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 192849
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
US-10-257-017B-192849

Query Match      100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 4 TAGGAGGAT 12

RESULT 39
US-10-257-017B-192850/c
; Sequence 192850, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 192850
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
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US-10-257-017B-192850

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | |
DB 10 TAGGAGGAT 2

RESULT 40

US-10-257-017B-201789
; Sequence 201789, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201789
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049618
US-10-257-017B-201789

Query Match 100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | |
DB 2 TAGGAGGAT 10

Search completed: March 22, 2005, 19:09:31
Job time : 323.875 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 60.6667 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7
Sequence: 1 agtatga 7

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Issued Patents_NA.*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PTCUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	7	100.0	7	3	US-09-048-927-3
2	7	100.0	9	3	US-09-048-927-1
3	7	100.0	13	4	US-09-922-445-12
4	7	100.0	13	4	US-09-922-445-22
5	7	100.0	14	2	US-08-485-133-27
6	7	100.0	14	2	US-08-744-905A-4
7	7	100.0	15	1	US-08-334-847-24
8	7	100.0	15	1	US-08-334-847-327
9	7	100.0	15	1	US-08-671-071B-2
10	7	100.0	15	2	US-08-747-121-4
11	7	100.0	15	2	US-08-585-684B-130
12	7	100.0	15	2	US-08-585-684B-1315
13	7	100.0	15	2	US-08-485-133-28
14	7	100.0	15	3	US-09-094-714A-33
15	7	100.0	15	3	US-09-094-714A-34
16	7	100.0	15	3	US-09-049-190-6
17	7	100.0	15	3	US-09-049-190-7
18	7	100.0	15	3	US-09-038-073-130
19	7	100.0	15	3	US-09-038-073-1315
20	7	100.0	15	3	US-08-932-140C-6
21	7	100.0	15	3	US-08-932-140C-7
22	7	100.0	15	3	US-09-253-977-2
23	7	100.0	15	4	US-09-272-343-1
24	7	100.0	15	4	US-09-272-343-2
25	7	100.0	15	4	US-09-486-623C-6
26	7	100.0	15	4	US-09-486-623C-7
27	7	100.0	16	1	US-07-977-284A-59

28	7	100.0	16	1	US-08-719-593-24	Sequence 24, Appl
29	7	100.0	16	2	US-08-256-426B-59	Sequence 59, Appl
30	7	100.0	16	3	US-08-458-814-1	Sequence 1, Appl
31	7	100.0	16	4	US-09-479-005A-125	Sequence 125, App
32	7	100.0	16	4	US-09-479-005A-126	Sequence 126, App
33	7	100.0	17	1	US-08-390-850-461	Sequence 461, App
34	7	100.0	17	1	US-08-435-634-461	Sequence 461, App
35	7	100.0	17	1	US-08-758-306-365	Sequence 365, App
36	7	100.0	17	1	US-08-758-306-367	Sequence 367, App
37	7	100.0	17	1	US-08-758-306-371	Sequence 371, App
38	7	100.0	17	1	US-08-758-306-813	Sequence 813, App
39	7	100.0	17	1	US-08-758-306-815	Sequence 815, App
40	7	100.0	17	2	US-08-671-320-6	Sequence 6, Appl
41	7	100.0	17	2	US-08-868-577-6	Sequence 2, Appl
42	7	100.0	17	3	US-08-485-132-2	Sequence 443, App
43	7	100.0	17	3	US-08-985-162-443	Sequence 443, App
44	7	100.0	17	3	US-08-985-162-444	Sequence 444, App
45	7	100.0	17	4	US-09-207-914-6	Sequence 6, Appl
46	7	100.0	17	4	US-09-401-063-443	Sequence 443, App
47	7	100.0	17	4	US-09-401-063-444	Sequence 444, App
48	7	100.0	17	4	US-09-866-108A-2749	Sequence 2749, Ap
49	7	100.0	17	4	US-09-866-108A-2750	Sequence 2750, Ap
50	7	100.0	17	4	US-09-866-108A-2751	Sequence 2751, Ap
51	7	100.0	17	4	US-09-866-108A-2752	Sequence 2752, Ap
52	7	100.0	17	4	US-09-866-108A-2753	Sequence 2753, Ap
53	7	100.0	17	4	US-09-866-108A-2754	Sequence 2754, Ap
54	7	100.0	17	4	US-09-866-108A-2755	Sequence 2755, Ap
55	7	100.0	17	4	US-09-866-108A-2756	Sequence 2756, Ap
56	7	100.0	17	4	US-09-866-108A-2757	Sequence 2757, Ap
57	7	100.0	17	4	US-09-866-108A-2758	Sequence 2758, Ap
58	7	100.0	17	4	US-09-866-108A-2759	Sequence 2759, Ap
59	7	100.0	17	4	US-09-866-108A-8150	Sequence 8150, Ap
60	7	100.0	17	4	US-09-866-108A-8151	Sequence 8151, Ap
61	7	100.0	17	4	US-09-866-108A-8152	Sequence 8152, Ap
62	7	100.0	17	4	US-09-866-108A-8153	Sequence 8153, Ap
63	7	100.0	17	4	US-09-866-108A-8154	Sequence 8154, Ap
64	7	100.0	17	4	US-09-866-108A-8155	Sequence 8155, Ap
65	7	100.0	17	4	US-09-866-108A-8156	Sequence 8156, Ap
66	7	100.0	17	4	US-09-866-108A-8157	Sequence 8157, Ap
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68	7	100.0	17	4	US-09-866-108A-8159	Sequence 8159, Ap
69	7	100.0	17	4	US-09-866-108A-8160	Sequence 8160, Ap
70	7	100.0	17	4	US-09-404-912-594	Sequence 594, App
71	7	100.0	18	1	US-07-688-352C-8	Sequence 8, Appl
72	7	100.0	18	1	US-08-363-585-55	Sequence 55, Appl
73	7	100.0	18	1	US-08-358-985-10	Sequence 10, Appl
74	7	100.0	18	2	US-08-928-632-48	Sequence 48, Appl
75	7	100.0	18	2	US-08-474-379C-8	Sequence 8, Appl
76	7	100.0	18	2	US-09-200-141-19	Sequence 19, Appl
77	7	100.0	18	2	US-09-213-768-24	Sequence 24, Appl
78	7	100.0	18	2	US-09-213-768-25	Sequence 25, Appl
79	7	100.0	18	2	US-09-213-768-29	Sequence 29, Appl
80	7	100.0	18	2	US-09-213-768-29	Sequence 29, Appl
81	7	100.0	18	3	US-08-604-951-6	Sequence 6, Appl
82	7	100.0	18	3	US-09-146-249A-8	Sequence 8, Appl
83	7	100.0	18	3	US-09-363-639-6	Sequence 6, Appl
84	7	100.0	18	3	US-08-206-188B-8	Sequence 8, Appl
85	7	100.0	18	3	US-09-630-706-80	Sequence 80, Appl
86	7	100.0	18	3	US-09-339-972-48	Sequence 48, Appl
87	7	100.0	18	3	US-09-167-109-21	Sequence 21, Appl
88	7	100.0	18	4	US-09-422-978-4445	Sequence 4445, Ap
89	7	100.0	18	4	US-09-422-978-4623	Sequence 4623, Ap
90	7	100.0	18	4	US-09-422-978-4648	Sequence 4648, Ap
91	7	100.0	18	4	US-09-422-978-4729	Sequence 4729, Ap
92	7	100.0	18	4	US-09-422-978-9976	Sequence 9976, Ap
93	7	100.0	18	4	US-09-554-726A-26	Sequence 26, Appl
94	7	100.0	18	4	US-09-603-787A-677	Sequence 677, App
95	7	100.0	18	4	US-09-984-232-30	Sequence 30, Appl
96	7	100.0	18	4	US-09-603-208A-305	Sequence 305, App
97	7	100.0	18	4	US-09-847-940C-27	Sequence 27, Appl
98	7	100.0	18	4	US-09-602-777A-441	Sequence 441, App
99	7	100.0	18	5	PCT-US91-02714-8	Sequence 8, Appl
100	7	100.0	19	1	US-08-410-780A-25	Sequence 25, Appl

ALIGNMENTS

RESULT 1
 US-09-048-927-3
 ; Sequence 3, Application US/09048927
 ; Patent No. 6147056
 ; GENERAL INFORMATION:
 ; APPLICANT: Gilchrist, Barbara A.
 ; APPLICANT: Yaar, Mina
 ; APPLICANT: Eller, Mark
 ; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
 ; FILE REFERENCE: BU94-68A2
 ; CURRENT APPLICATION NUMBER: US/09/048,927
 ; CURRENT FILING DATE: 1998-03-26
 ; EARLIER APPLICATION NUMBER: 08/952,697
 ; EARLIER FILING DATE: 1996-06-03
 ; EARLIER APPLICATION NUMBER: 08/467,012
 ; EARLIER FILING DATE: 1995-06-06
 ; NUMBER OF SEQ ID NOS: 4
 ; SEQ ID NO 3
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: DNA Fragment
 US-09-048-927-3

Query Match 100.0%; Score 7; DB 3; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.3e+08; Indels 0;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 1 AGTATGA 7

RESULT 2
 US-09-048-927-1
 ; Sequence 1, Application US/09048927
 ; Patent No. 6147056
 ; GENERAL INFORMATION:
 ; APPLICANT: Gilchrist, Barbara A.
 ; APPLICANT: Yaar, Mina
 ; APPLICANT: Eller, Mark
 ; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
 ; FILE REFERENCE: BU94-68A2
 ; CURRENT APPLICATION NUMBER: US/09/048,927
 ; CURRENT FILING DATE: 1998-03-26
 ; EARLIER APPLICATION NUMBER: 08/952,697
 ; EARLIER FILING DATE: 1996-06-03
 ; EARLIER APPLICATION NUMBER: 08/467,012
 ; EARLIER FILING DATE: 1995-06-06
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: DNA Fragment
 US-09-048-927-1

Query Match 100.0%; Score 7; DB 3; Length 9;
 Best Local Similarity 100.0%; Pred. No. 1.8e+08; Indels 0;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 2 AGTATGA 8

RESULT 3
 US-09-922-445-12/c
 ; Sequence 12, Application US/09922445
 ; Patent No. 6528268
 ; GENERAL INFORMATION:
 ; APPLICANT: Andersson, Maria K.
 ; APPLICANT: Berglund, Lars G. T.
 ; APPLICANT: Reneland, Rikard H.
 ; APPLICANT: Adam, Gail I. R.
 ; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
 ; FILE REFERENCE: GGI26US
 ; CURRENT APPLICATION NUMBER: US/09/922,445
 ; CURRENT FILING DATE: 2001-08-03
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 12
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: synthetic
 US-09-922-445-12

Query Match 100.0%; Score 7; DB 4; Length 13;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04; Indels 0;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 9 AGTATGA 3

RESULT 4
 US-09-922-445-22
 ; Sequence 22, Application US/09922445
 ; Patent No. 6528268
 ; GENERAL INFORMATION:
 ; APPLICANT: Andersson, Maria K.
 ; APPLICANT: Berglund, Lars G. T.
 ; APPLICANT: Reneland, Rikard H.
 ; APPLICANT: Adam, Gail I. R.
 ; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
 ; FILE REFERENCE: GGI26US
 ; CURRENT APPLICATION NUMBER: US/09/922,445
 ; CURRENT FILING DATE: 2001-08-03
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 22
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: synthetic
 US-09-922-445-22

Query Match 100.0%; Score 7; DB 4; Length 13;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04; Indels 0;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 5 AGTATGA 11

RESULT 5
 US-08-485-133-27
 ; Sequence 27, Application US/08485133
 ; Patent No. 5976789
 ; GENERAL INFORMATION:
 ; APPLICANT: Allibert, Patrice A.
 ; APPLICANT: Cros, Philippe
 ; APPLICANT: Mach, Bernard F.
 ; APPLICANT: Mandrand, Bernard F.
 ; APPLICANT: Tiercy, Jean-Marie
 ; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING

;; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
;; NUMBER OF SEQUENCES: 81
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: OLIFF & BERRIDGE
;; STREET: P.O. Box 19928
;; CITY: Alexandria
;; STATE: Virginia
;; ZIP: 22320
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/485,133
;; FILING DATE: 7-JUN-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/030,143
;; FILING DATE: 11-MAR-1993
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Berridge, William P.
;; REGISTRATION NUMBER: 30,024
;; REFERENCE/DOCKET NUMBER: WPB 28596A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 703-836-6400
;; TELEFAX: 703-836-2787
;; INFORMATION FOR SEQ ID NO: 27:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-485-133-27
Query Match 100.0%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AGTATGA 7
Db 8 AGTATGA 14
RESULT 6
US-08-744-905A-4/c
; Sequence 4, Application US/08744905A
; Patent No. 5990294
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
; TITLE OF INVENTION: AND METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,905A
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 536

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Baldwin, Geraldine P
;; REGISTRATION NUMBER: 31,232
;; REFERENCE/DOCKET NUMBER: 8511-009
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212)7909090
;; TELEFAX: (212)8698864
;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: Modified Base
;; LOCATION: 1
;; OTHER INFORMATION: Where N is any nucleotide
;; US-08-744-905A-4
Query Match 100.0%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AGTATGA 7
Db 14 AGTATGA 8
RESULT 7
US-08-334-847-24
; Sequence 24, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-24

Query Match      100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      |||.||
        5 AGUAUGA 11

RESULT 8
US-08-334-847-327
; Sequence 327, Application US/08334847
; Patent No. 5693522
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 327:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-327

Query Match      100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      |||.||
        5 AGUAUGA 11

US-08-671-071B-2/c
; Sequence 2, Application US/08671071B
; Patent No. 5811270
; GENERAL INFORMATION:
; APPLICANT: Grandgenett, Duane
; TITLE OF INVENTION: An in vitro method for concerted integration of
; TITLE OF INVENTION: donor DNA molecules using retroviral integrase proteins.
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Grandgenett, Duane
; STREET: 8610 Henrietta Ave
; CITY: Brentwood
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Distette, 3.5 inch;
; COMPUTER: Gateway 2000, 4DX2-66E(Intel)
; OPERATING SYSTEM: IBM clone
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/671,071B
; FILING DATE: 06/27/96
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 962-0064
; TELEFAX: (314) 577-8406
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus
; ORIGINAL SOURCE: DNA, p1AN7 plasmid and pGEM plasmid.
; IMMEDIATE SOURCE: Same as in 2,vi.
; FEATURE:
; OTHER INFORMATION: The sequence is the bottom strand of
; OTHER INFORMATION: M-2 U5 and the pGEM target of the top clone shown in
; OTHER INFORMATION: Figure 14 of original application.
US-08-671-071B-2

Query Match      100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      |||.||
        9 AGTATGA 3

RESULT 10
US-08-747-121-4/c
; Sequence 4, Application US/08747121
; Patent No. 5874290
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH
; TITLE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
```

```
/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/747,121
/ FILING DATE: 08-NOV-1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Baldwin, Geraldine F
/ REGISTRATION NUMBER: 31,232
/ REFERENCE/DOCKET NUMBER: 8511-008
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212)7909090
/ TELEFAX: (212)8698864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1
/ OTHER INFORMATION: Where N is any nucleotide
/ US-08-747-121-4

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. NO. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 15 AGTATGA 9

RESULT 11
US-08-585-684B-130
; Sequence 130, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/747,121
/ FILING DATE: 08-NOV-1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Baldwin, Geraldine F
/ REGISTRATION NUMBER: 31,232
/ REFERENCE/DOCKET NUMBER: 8511-008
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212)7909090
/ TELEFAX: (212)8698864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1
/ OTHER INFORMATION: Where N is any nucleotide
/ US-08-747-121-4

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. NO. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 15 AGTATGA 9

RESULT 12
US-08-585-684B-1315
; Sequence 1315, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear

US-08-585-684B-1315

Query Match 100.0%; Score 7; DB 2; Length 15;

Best Local Similarity 71.4%; Pred. No. 3.6e+04;

Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7

DB 5 AGUAUGA 11

RESULT 13

US-08-485-133-28

; Sequence 28, Application US/08485133

; Patent No. 5976789

; GENERAL INFORMATION:

; APPLICANT: Allibert, Patrice A.

; APPLICANT: Cros, Philippe

; APPLICANT: Mach, Bernard F.

; APPLICANT: Mandrand, Bernard F.

; APPLICANT: Tiercy, Jean-Marie

; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING

; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES

; NUMBER OF SEQUENCES: 81

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OLIFF & BERRIDGE

; STREET: P.O. Box 19928

; CITY: Alexandria

; STATE: Virginia

; ZIP: 22320

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/485,133

; FILING DATE: 7-JUN-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/030,143

; FILING DATE: 11-MAR-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Berridge, William P.

; REGISTRATION NUMBER: 30,024

; REFERENCE/DOCKET NUMBER: WPB 28596A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6400

; TELEFAX: 703-836-2787

; INFORMATION FOR SEQ ID NO: 28:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-485-133-28

Query Match

100.0%; Score 7; DB 2; Length 15;

Best Local Similarity 100.0%; Pred. No. 3.6e+04;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7

DB 9 AGTATGA 15

RESULT 14

US-09-094-714A-33/c

; Sequence 33, Application US/09094714A

; Patent No. 6117847

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 8.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/094,714A

; FILING DATE: June 15, 1998

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/601,269

; FILING DATE: 14-FEB-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/478,178

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/089,996

; FILING DATE: 09-JUL-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/852,852

; FILING DATE: 16-MAR-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Paul K. Legaard

; REGISTRATION NUMBER: 38,534

; REFERENCE/DOCKET NUMBER: ISIS-2943

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-094-714A-33

Query Match 100.0%; Score 7; DB 3; Length 15;

Best Local Similarity 100.0%; Pred. No. 3.6e+04;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7

DB 12 AGTATGA 6

RESULT 15

US-09-094-714A-34/c

; Sequence 34, Application US/09094714A

; Patent No. 6117847

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Nicholas M. Dean

; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF

; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 8.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/094,714A
 FILING DATE: June 15, 1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/601,269
 FILING DATE: 14-FEB-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/478,178
 FILING DATE: 07-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/089,996
 FILING DATE: 09-JUL-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/852,852
 FILING DATE: 16-MAR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Paul K. Legaard
 REGISTRATION NUMBER: 38,534
 REFERENCE/DOCKET NUMBER: ISIS-2943
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-094-714A-34

Query Match 100.0%; Score 7; DB 3; Length 15;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 14 AGTATGA 8

RESULT 16

US-09-049-190-6/c
 Sequence 6, Application US/09049190
 Patent No. 6190866
 GENERAL INFORMATION:
 APPLICANT: Nielsen et al.
 TITLE OF INVENTION: Peptide Nucleic Acids Having
 TITLE OF INVENTION: Antibacterial Activity
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
 STREET: One Liberty Place - 46th Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: U.S.A.
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/049,190
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell
 REGISTRATION NUMBER: 28,937
 REFERENCE/DOCKET NUMBER: ISIS-2560
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEFAX: 215-568-3439
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 1
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 2
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 3
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 4
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 5
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 6
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 7
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 8
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 9
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 10
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 11
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 12
 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
 OTHER INFORMATION: backbone
 FEATURE:

```

; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
; OTHER INFORMATION: backbone
; US-09-049-190-6

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```

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 AGTATGA 7
Db 10 AGTATGA 4

```

```

RESULT 17
US-09-049-190-7/c
; Sequence 7, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site

```

```

US-09-049-190-7
Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```



```

QY      1 AGTATGA 7
Db      13 AGTATGA 7

RESULT 18
US-09-038-073-130
; Sequence 130, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-130

Query Match      100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
Db      5 AGAUGA 11

RESULT 19
US-09-038-073-1315
; Sequence 1315, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-130

Query Match      100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
Db      5 AGAUGA 11

RESULT 20
US-08-932-140C-6/c
; Sequence 6, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:

```

```

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1315:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1315

Query Match      100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
Db      5 AGAUGA 11

RESULT 20
US-08-932-140C-6/c
; Sequence 6, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:

```

;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: John W. Caldwell
;; REGISTRATION NUMBER: 28,937
;; REFERENCE/DOCKET NUMBER: ISIS-2560
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 1
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 2
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 3
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 4
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 5
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 6
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 7
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 8
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 9
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 10
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 11
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 12
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 13
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
;; FEATURE:
;; NAME/KEY: Modified-site
;; LOCATION: 14
;; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone

;;
;; NAME/KEY: Modified-site
;; LOCATION: 15
;; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
;; OTHER INFORMATION: lysine-glycine backbone
;; US-08-932-140C-6
Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AGTATGA 7
Db 10 AGTATGA 4
|||||
RESULT 21
US-08-932-140C-7/c
; Sequence 7, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 6300318ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone

```
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-(acetyl(2-aminoethyl))l-C-
; OTHER INFORMATION: lysine-glycine backbone
; US-08-932-140C-7

Query Match      100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      13 AGTATGA 7
```

```
RESULT 22
US-09-253-977-2/c
```

```
; Sequence 2, Application US/09253977A
; Patent No. 6316261
; GENERAL INFORMATION:
; APPLICANT: Grandgenett, Duane P.
; TITLE OF INVENTION: Method for Analyzing Concerted Integration of DNA Donor
; TITLE OF INVENTION: Molecules into Target DNA and the Enzymes that Perform
; TITLE OF INVENTION: this Concerted Integration Reaction
; FILE REFERENCE: 16153-8244
; CURRENT APPLICATION NUMBER: US/09/253.977A
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/671,071
; EARLIER FILING DATE: 1996-06-27
; EARLIER APPLICATION NUMBER: 08/247,089
; EARLIER FILING DATE: 1994-05-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Combination
; OTHER INFORMATION: of avian or HIV-1 retrovirus DNA and p1AN7 plasmid
; US-09-253-977-2

Query Match      100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      9 AGTATGA 3

RESULT 23
US-09-272-343-1/c
; Sequence 1, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DUROCHER, Yves
; TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US PC
; CURRENT APPLICATION NUMBER: US/09/272.343
; CURRENT FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: endogenous CRE sequence of VIP promoter
; US-09-272-343-1

Query Match      100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      9 AGTATGA 3

RESULT 24
US-09-272-343-2
; Sequence 2, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DUROCHER, Yves
; TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US PC
; CURRENT APPLICATION NUMBER: US/09/272.343
; CURRENT FILING DATE: 1999-03-19
```

; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CRE sequence of VIP promoter
US-09-272-343-2

Query Match 100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 7 AGTATGA 13

RESULT 25
US-09-486-623C-6/c
; Sequence 6, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-6

Query Match 100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 10 AGTATGA 4

RESULT 26
US-09-486-623C-7/c
; Sequence 7, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(14)
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-7

Query Match 100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 13 AGTATGA 7

RESULT 27
US-07-977-284A-59/c
; Sequence 59, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-59

Query Match 100.0%; Score 7; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 9 AGTATGA 3

RESULT 28
 US-08-719-593-24
 ; Sequence 24, Application US/08719593
 ; Patent No. 5741706
 ; GENERAL INFORMATION:
 ; APPLICANT: Leavitt, Markley Carl
 ; APPLICANT: Duarte, Elizabeth
 ; APPLICANT: Tritz, Richard
 ; APPLICANT: Barber, Jack R.
 ; APPLICANT: Yu, Mang
 ; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
 ; NUMBER OF SEQUENCES: 35
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/719,593
 ; FILING DATE: No. 5741706 yet assigned
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Weber, Kenneth A.
 ; REGISTRATION NUMBER: 31,677
 ; REFERENCE/DOCKET NUMBER: 016556-000810US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 24:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: RNA (genomic)
 ; FEATURE:
 ; NAME/KEY: -
 ; LOCATION: 1..16
 ; OTHER INFORMATION: /note= "HIV target sequence for
 ; OTHER INFORMATION: anti-2425 GUA ribozyme target site"
 ; US-08-719-593-24

Query Match 100.0%; Score 7; DB 1; Length 16;
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 Db 5 AGAUGA 11

RESULT 29
 US-08-256-426B-59/c
 ; Sequence 59, Application US/08256426B
 ; Patent No. 5948611
 ; GENERAL INFORMATION:

; APPLICANT: Prockop, Darwin J.
 ; APPLICANT: Ala-Kokko, Leena
 ; APPLICANT: Williams, Charlene J.
 ; APPLICANT: Ritvaniemi, Pertti
 ; APPLICANT: Baldwin, Clinton
 ; APPLICANT: Hopkinson, Ian
 ; APPLICANT: Ahmad, Nilofer Nina
 ; TITLE OF INVENTION: Methods of Detecting A Genetic
 ; NUMBER OF SEQUENCES: 293
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611rlis
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows 3.1
 ; SOFTWARE: WORDPERFECT 6.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/256,426B
 ; FILING DATE: 03-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER: PCT/US93/10964
 ; FILING DATE: 12-NOV-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/977,284
 ; FILING DATE: 13-NOV-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mark Deluca
 ; REGISTRATION NUMBER: 33,229
 ; REFERENCE/DOCKET NUMBER: TJU-1082
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 568-3100
 ; TELEFAX: (215) 568-3439
 ; INFORMATION FOR SEQ ID NO: 59:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: SINGLE
 ; TOPOLOGY: LINEAR
 ; ANTI-SENSE: NO
 ; US-08-256-426B-59
 ; Query Match 100.0%; Score 7; DB 2; Length 16;
 ; Best Local Similarity 100.0%; Pred. No. 3.6e+04;
 ; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ; Qy 1 AGTATGA 7
 ; Db 9 AGTATGA 3
 ; RESULT 30
 ; US-08-458-814-1
 ; Sequence 1, Application US/08458814
 ; Patent No. 6103243
 ; GENERAL INFORMATION:
 ; APPLICANT: RUSSELL-JONES, Gregory J.
 ; APPLICANT: DE AIZPURUA, Henry J.
 ; APPLICANT: Howe, Peter
 ; APPLICANT: RAND, Keith N
 ; TITLE OF INVENTION: ORAL VACCINES
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Foley & Lardner
 ; STREET: 3000 K Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA

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; ORGANISM: Homo sapiens
US-09-479-005A-125
Query Match      100.0%; Score 7; DB 4; Length 16;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
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Db      6 AGAUGA 12

RESULT 32
US-09-479-005A-126
; Sequence 126, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 126
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-126
Query Match      100.0%; Score 7; DB 4; Length 16;
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
       ||:|:|
Db      2 AGAUGA 8

RESULT 33
US-08-390-850-461
; Sequence 461, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq version 1.5
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/390,850
 FILING DATE: February 17, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/354,920
 FILING DATE: December 13, 1994
 APPLICATION NUMBER: 08/152,487
 FILING DATE: No. 5612215ember 12, 1993
 APPLICATION NUMBER: 07/989,848
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 461:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-390-850-461

Query Match 100.0%; Score 7; DB 1; Length 17;
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
 DB 6 AGAUGA 12

RESULT 34
 US-08-435-634-461
 Sequence 461, Application US/08435634
 Patent No. 5731295
 GENERAL INFORMATION:
 APPLICANT: Draper, Kenneth G.
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Gustofson, John
 APPLICANT: Stinchcomb, Dan T.
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
 TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
 NUMBER OF SEQUENCES: 1151
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,634
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/390,850
 FILING DATE: February 17, 1995
 APPLICATION NUMBER: 08/354,920
 FILING DATE: December 13, 1994
 APPLICATION NUMBER: 08/152,487
 FILING DATE: No. 5731295ember 12, 1993
 APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 461:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-634-461

Query Match 100.0%; Score 7; DB 1; Length 17;
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
 DB 6 AGAUGA 12

RESULT 35
 US-08-758-306-365/c
 Sequence 365, Application US/08758306
 Patent No. 5807743
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: McSwiggen, James A.
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES
 TITLE OF INVENTION: ASSOCIATED WITH
 TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
 NUMBER OF SEQUENCES: 1379
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/758,306
 FILING DATE: December 3, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 212/132
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 365:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single

TOPOLOGY: linear
US-08-758-306-365

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 16 AGTATGA 10

RESULT 36

US-08-758-306-367/c
; Sequence 367, Application US/08758306

; Patent No. 5807743

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James A.

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH

; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

; NUMBER OF SEQUENCES: 1379

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/758,306

; FILING DATE: December 3, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 212/132

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 367:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-758-306-367

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 14 AGTATGA 8

RESULT 37

US-08-758-306-369/c

; Sequence 369, Application US/08758306

; Patent No. 5807743

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James A.

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH

; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

; NUMBER OF SEQUENCES: 1379

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/758,306

; FILING DATE: December 3, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 212/132

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 369:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-758-306-369

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 38

US-08-758-306-371/c

; Sequence 371, Application US/08758306

; Patent No. 5807743

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: McSwiggen, James A.

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH

; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR

; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

; NUMBER OF SEQUENCES: 1379

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 371:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-371

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0;

QY 1 AGTATGA 7
Db 8 AGTATGA 2

RESULT 39
US-08-758-306-813/c
Sequence 813, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 813:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-813

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0;

QY 1 AGTATGA 7
Db 14 AGTATGA 8

RESULT 40
US-08-758-306-815/c
Sequence 815, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:

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; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-815

Query Match      100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
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Db      11 AGTATGA 5

Search completed: March 22, 2005, 10:49:08
Job time : 63.6667 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 248.792 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7
Sequence: 1 agtata 7

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqs, 297611598 residues

Total number of hits satisfying chosen parameters: 5770552

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Published Applications NA:*

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21: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
22: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	7	100.0	7	14	US-10-122-633-7
5	7	100.0	9	14	US-10-122-630-1
6	7	100.0	9	14	US-10-122-633-1
7	7	100.0	10	9	US-09-398-399-31
8	7	100.0	10	9	US-09-899-381-31
9	7	100.0	10	13	US-10-033-145-1423
10	7	100.0	10	16	US-10-329-465-30
11	7	100.0	10	17	US-10-193-507-58
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					Sequence 7, Appli
					Sequence 3, Appli
					Sequence 7, Appli
					Sequence 1, Appli
					Sequence 31, Appl
					Sequence 31, Appl
					Sequence 1423, Ap
					Sequence 30, Appl
					Sequence 58, Appl

10	19	US-10-818-158-2	Sequence 2, Appli
11	18	US-10-612-224-97	Sequence 97, Appl
11	18	US-10-450-797-482	Sequence 482, App
11	18	US-10-221-306A-15	Sequence 15, Appl
11	18	US-10-150-779A-15	Sequence 15, Appl
12	15	US-10-150-779A-16	Sequence 16, Appl
12	15	US-10-257-017B-267717	Sequence 267717,
12	18	US-10-257-017B-268330	Sequence 268330,
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12	18	US-10-257-017B-278178	Sequence 278178,
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12	18	US-10-257-017B-303760	Sequence 303760,
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12	18	US-10-257-017B-307025	Sequence 307025,
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12	18	US-10-257-017B-310694	Sequence 310694,
12	18	US-10-257-017B-312911	Sequence 312911,
12	18	US-10-257-017B-313291	Sequence 313291,
12	18	US-10-257-017B-315500	Sequence 315500,
12	18	US-10-257-017B-316117	Sequence 316117,
12	18	US-10-257-017B-316137	Sequence 316137,
12	18	US-10-257-017B-317609	Sequence 317609,
12	18	US-10-257-017B-319378	Sequence 319378,
12	18	US-10-257-017B-319954	Sequence 319954,
12	18	US-10-257-017B-320691	Sequence 320691,
12	18	US-10-257-017B-320692	Sequence 320692,
12	18	US-10-257-017B-321106	Sequence 321106,
12	18	US-10-257-017B-321412	Sequence 321412,
12	18	US-10-257-017B-321861	Sequence 321861,
12	18	US-10-257-017B-321862	Sequence 321862,
12	18	US-10-257-017B-322304	Sequence 322304,
12	18	US-10-257-017B-322944	Sequence 322944,
12	18	US-10-257-017B-323641	Sequence 323641,

Wed Mar 23 08:58:37 2005

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c 85 7 100.0 12 18 US-10-257-017B-325244,
Sequence 325244,
c 86 7 100.0 12 18 US-10-257-017B-325578,
Sequence 325578,
c 87 7 100.0 12 18 US-10-257-017B-326072,
Sequence 326072,
c 88 7 100.0 12 18 US-10-257-017B-327802,
Sequence 327802,
c 89 7 100.0 12 18 US-10-257-017B-328593,
Sequence 328593,
c 90 7 100.0 12 18 US-10-257-017B-331800,
Sequence 331800,
c 91 7 100.0 12 18 US-10-257-017B-333276,
Sequence 333276,
c 92 7 100.0 12 18 US-10-257-017B-333276,
Sequence 333276,
c 93 7 100.0 12 18 US-10-257-017B-335094,
Sequence 335094,
c 94 7 100.0 12 18 US-10-257-017B-335324,
Sequence 335324,
c 95 7 100.0 12 18 US-10-257-017B-335916,
Sequence 335916,
c 96 7 100.0 12 18 US-10-257-017B-339824,
Sequence 339824,
c 97 7 100.0 12 18 US-10-257-017B-339968,
Sequence 339968,
c 98 7 100.0 12 18 US-10-257-017B-340438,
Sequence 340438,
c 99 7 100.0 12 18 US-10-257-017B-341081,
Sequence 341081,
c 100 7 100.0 12 18 US-10-257-017B-341082,
Sequence 341082,
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ALIGNMENTS

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RESULT 1
US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3
Query Match 100.0%; Score 7; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 AGTATGA 7
Db 1 AGTATGA 7
RESULT 2
US-10-122-630-7
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
```

```
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7
Query Match 100.0%; Score 7; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 AGTATGA 7
Db 1 AGTATGA 7
RESULT 3
US-10-122-633-3
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3
Query Match 100.0%; Score 7; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 AGTATGA 7
Db 1 AGTATGA 7
RESULT 4
US-10-122-633-7
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
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; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 7; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08; Indels 0;
Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 5
US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1

Query Match 100.0%; Score 7; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0;
Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
Db 2 AGTATGA 8

RESULT 6
US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match 100.0%; Score 7; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0;
Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
Db 2 AGTATGA 8

RESULT 7
US-09-398-399-31
; Sequence 31, Application US/09398399
; Patent No. US20020051973A1
; GENERAL INFORMATION:
; APPLICANT: DELENSTARR, GLENDA C.
; APPLICANT: LEFKOWITZ, STEVEN M.
; APPLICANT: LUEBKKE, KEVIN J.
; APPLICANT: OVERMAN, LESLIE B.
; APPLICANT: SAMPRAS, NICHOLAS M.
; APPLICANT: SAMPSON, JEFFREY R.
; APPLICANT: WOLBER, PAUL K.
; TITLE OF INVENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC
; FILE REFERENCE: 10981620-1
; CURRENT APPLICATION NUMBER: US/09/398,399
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31

Query Match 100.0%; Score 7; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Indels 0;
Matches 7; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 8

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US-09-899-381-31
; Sequence 31, Application US/09899381
; Patent No. US20020068293A1
; GENERAL INFORMATION:
; APPLICANT: Delenstarr, Glend C.
; APPLICANT: Wolber, Pual K.
; APPLICANT: Sana, Theodore R.
; TITLE OF INVENTION: Arrays Having Background Features and
; FILE REFERENCE: 10010760-1
; CURRENT APPLICATION NUMBER: US/09/899,381
; CURRENT FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 09/398,399
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic probe
US-09-899-381-31

Query Match      100.0%; Score 7; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 9
US-10-033-145-1423/c
; Sequence 1423, Application US/10033145
; Publication No. US200201515A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1423
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1423

Query Match      100.0%; Score 7; DB 13; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      7 AGTATGA 1

RESULT 10
US-10-329-465-30/c
; Sequence 30, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
; APPLICANT: Wang et al.
; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
; TITLE OF INVENTION: FUSION
; FILE REFERENCE: 27373/37928A

US-09-899-381-31
; CURRENT APPLICATION NUMBER: US/10/329,465
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/343,826
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-30

Query Match      100.0%; Score 7; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      10 AGTATGA 4

RESULT 11
US-10-193-507-58/c
; Sequence 58, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MSH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-58

Query Match      100.0%; Score 7; DB 17; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      9 AGTATGA 3

RESULT 12
US-10-818-158-2/c
; Sequence 2, Application US/10818158
; Publication No. US20050020526A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, YIN
; APPLICANT: TAN, XIN XING
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND
; FILE REFERENCE: CRVA.025-C-CIP
; CURRENT APPLICATION NUMBER: US/10/818,158
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: 10/743,956
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/453,410
; PRIOR FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 7
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; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-818-158-2

Query Match          100.0%; Score 7; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 8 AGTATGA 2

RESULT 13
US-10-612-224-37/c
; Sequence 97, Application US/10612224
; Publication No. US20040137011A1
; GENERAL INFORMATION:
; APPLICANT: Cunningham, Philip R.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
; TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
; TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
; FILE REFERENCE: MSV-2597
; CURRENT APPLICATION NUMBER: US/10/612,224
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/393237
; PRIOR FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 60/452012
; PRIOR FILING DATE: 2003-03-05
; NUMBER OF SEQ ID NOS: 245
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-612-224-37

Query Match          100.0%; Score 7; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 7 AGTATGA 1

RESULT 14
US-10-450-797-482
; Sequence 482, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 482
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; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-482

Query Match          100.0%; Score 7; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 15
US-10-221-306A-15/c
; Sequence 15, Application US/10221306A
; Publication No. US20040171820A1
; GENERAL INFORMATION:
; APPLICANT: Seela, Frank
; APPLICANT: Debelak, Harald
; APPLICANT: Bergmann, Frank
; APPLICANT: Heindl, Dieter
; APPLICANT: von der Eltz, Herbert
; TITLE OF INVENTION: N8- and C8-linked purine bases and structurally related
; TITLE OF INVENTION: heterocycles as universal nucleosides used for
; TITLE OF INVENTION: oligonucleotide hybridization
; FILE REFERENCE: 19028.US
; CURRENT APPLICATION NUMBER: US/10/221,306A
; CURRENT FILING DATE: 2002-03-10
; PRIOR APPLICATION NUMBER: PCT/EP01/03458
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic; oligonucleotide designated 118 useful in a model
; OTHER INFORMATION: oligonucleotide hybridization system for analysing properties
; OTHER INFORMATION: of nucleotide analogues as described in the present
; OTHER INFORMATION: application
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: abasic linker-group at 3-OH-group of sugar
US-10-221-306A-15

Query Match          100.0%; Score 7; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 16
US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
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; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 17
US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRIK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; FILE REFERENCE: 55704 (45120)
; CURRENT FILING DATE: 2003-02-07
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 18
US-10-257-017B-267717/c
; Sequence 267717, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 267717
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000478
US-10-257-017B-267717

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 12 AGTATGA 6

RESULT 19
US-10-257-017B-268330/c
; Sequence 268330, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 268330
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001064
US-10-257-017B-268330

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 20
US-10-257-017B-270751
; Sequence 270751, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270751
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002258
US-10-257-017B-270751

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||
DB 1 AGTATGA 7

RESULT 21
US-10-257-017B-271312
; Sequence 271312, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002461
US-10-257-017B-271312

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||
DB 3 AGTATGA 9

RESULT 22
US-10-257-017B-271422/c
; Sequence 271422, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271422
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002501
US-10-257-017B-271422

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||

DB 12 AGTATGA 6

RESULT 23
US-10-257-017B-271762
; Sequence 271762, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271762
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002606
US-10-257-017B-271762

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||
DB 4 AGTATGA 10

RESULT 24
US-10-257-017B-274643
; Sequence 274643, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274643
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003624
US-10-257-017B-274643

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||
DB 3 AGTATGA 9

RESULT 25
US-10-257-017B-274645
; Sequence 274645, Application US/10257017B
; Publication No. US20040241651A1

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274645
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003624
US-10-257-017B-274645

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      3 AGTATGA 9

RESULT 26
US-10-257-017B-275436/c
; Sequence 275436, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 275436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003893
US-10-257-017B-275436

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      7 AGTATGA 1

RESULT 27
US-10-257-017B-278130/c
; Sequence 278130, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO

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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 278130
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0005661
US-10-257-017B-278130

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      12 AGTATGA 6

RESULT 28
US-10-257-017B-278178
; Sequence 278178, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 278178
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0005765
US-10-257-017B-278178

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      6 AGTATGA 12

RESULT 29
US-10-257-017B-279165
; Sequence 279165, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279165
; LENGTH: 12

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006974
US-10-257-017B-279165

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 1 AGTATGA 7

RESULT 30
US-10-257-017B-279249
; Sequence 279249, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279249
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007098
US-10-257-017B-279249

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 2 AGTATGA 8

RESULT 31
US-10-257-017B-279325
; Sequence 279325, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279325
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007174
US-10-257-017B-279325

Query Match 100.0%; Score 7; DB 18; Length 12;

Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 3 AGTATGA 9

RESULT 32
US-10-257-017B-279622
; Sequence 279622, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279622
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007613
US-10-257-017B-279622

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 2 AGTATGA 8

RESULT 33
US-10-257-017B-280377
; Sequence 280377, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 280377
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008537
US-10-257-017B-280377

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
| | | | |
Db 1 AGTATGA 7

Wed Mar 23 08:58:37 2005

us-09-540-843-3.rnpb

```
RESULT 34
US-10-257-017B-280601/c
; Sequence 280601, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 280601
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008828
US-10-257-017B-280601

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      7 AGTATGA 1

RESULT 35
US-10-257-017B-280912/c
; Sequence 280912, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 280912
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009246
US-10-257-017B-280912

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      9 AGTATGA 3

RESULT 36
US-10-257-017B-281987/c
; Sequence 281987, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281987
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010235
US-10-257-017B-281987

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      11 AGTATGA 5

RESULT 37
US-10-257-017B-282596/c
; Sequence 282596, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 282596
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010900
US-10-257-017B-282596

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGTATGA 7
DB      9 AGTATGA 3

RESULT 38
US-10-257-017B-284462
; Sequence 284462, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
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; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012055
US-10-257-017B-284919

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 4 AGTATGA 10

Search completed: March 22, 2005, 19:09:35
Job time : 252.792 secs

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284462
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284462

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 39
US-10-257-017B-284463
; Sequence 284463, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284463
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284463

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 1 AGTATGA 7

RESULT 40
US-10-257-017B-284919
; Sequence 284919, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284919
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence

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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 43.3333 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5
Sequence: 1 gtag 5

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Issued Patents_NA.*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	5	100.0	5	3	US-08-855-372B-20
2	5	100.0	5	3	US-09-048-927-4
3	5	100.0	5	3	US-09-498-851-20
C 4	5	100.0	7	1	US-08-615-170-10
C 5	5	100.0	7	1	US-08-615-170-12
6	5	100.0	7	3	US-09-048-927-3
C 7	5	100.0	8	4	US-09-142-593-11
C 8	5	100.0	8	4	US-09-927-886-17
9	5	100.0	9	2	US-08-583-276-1
10	5	100.0	9	3	US-08-548-789A-8
11	5	100.0	9	3	US-08-646-789A-80
12	5	100.0	9	3	US-09-048-927-1
C 13	5	100.0	9	3	US-09-319-648-68
C 14	5	100.0	9	4	US-10-096-586-32
15	5	100.0	10	1	US-09-263-790-37
16	5	100.0	10	1	US-09-721-777-19
17	5	100.0	10	1	US-08-335-565A-27
C 18	5	100.0	10	1	US-08-250-951-1
C 19	5	100.0	10	1	US-08-232-233-1
C 20	5	100.0	10	1	US-08-222-177A-422
21	5	100.0	10	1	US-08-351-748-23
22	5	100.0	10	1	US-08-351-748-25
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24	5	100.0	10	1	US-08-430-536A-23
25	5	100.0	10	1	US-08-430-536A-25
26	5	100.0	10	1	US-08-171-718-45
C 27	5	100.0	10	2	US-08-703-601-1

28	5	100.0	10	2	US-08-684-547-23	Sequence 23, Appl
29	5	100.0	10	2	US-08-684-547-25	Sequence 25, Appl
30	5	100.0	10	3	US-08-469-318-174	Sequence 174, Appl
31	5	100.0	10	3	US-08-468-609A-174	Sequence 174, Appl
32	5	100.0	10	3	US-08-478-087-45	Sequence 45, Appl
C 33	5	100.0	10	3	US-09-063-450-24	Sequence 24, Appl
34	5	100.0	10	3	US-09-063-450-33	Sequence 33, Appl
C 35	5	100.0	10	3	US-09-123-638-1	Sequence 1, Appl
36	5	100.0	10	3	US-08-646-695-30	Sequence 30, Appl
37	5	100.0	10	3	US-08-875-533-31	Sequence 31, Appl
38	5	100.0	10	3	US-08-446-872A-174	Sequence 174, Appl
C 39	5	100.0	10	3	US-09-724-753-1	Sequence 1, Appl
40	5	100.0	10	3	US-08-762-227A-174	Sequence 174, Appl
41	5	100.0	10	4	US-09-475-947A-23	Sequence 23, Appl
42	5	100.0	10	4	US-09-427-834A-34	Sequence 34, Appl
C 43	5	100.0	10	4	US-09-445-388A-7	Sequence 7, Appl
44	5	100.0	10	4	US-09-508-753B-252	Sequence 252, Appl
C 45	5	100.0	10	4	US-09-508-753B-265	Sequence 265, Appl
46	5	100.0	10	4	US-09-508-753B-273	Sequence 273, Appl
C 47	5	100.0	10	4	US-09-508-753B-278	Sequence 278, Appl
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53	5	100.0	10	4	US-09-508-753B-406	Sequence 406, Appl
C 54	5	100.0	10	4	US-09-508-753B-415	Sequence 415, Appl
C 55	5	100.0	10	4	US-09-508-753B-419	Sequence 419, Appl
C 56	5	100.0	10	4	US-09-508-753B-445	Sequence 445, Appl
C 57	5	100.0	10	4	US-09-508-753B-447	Sequence 447, Appl
C 58	5	100.0	10	4	US-09-508-753B-455	Sequence 455, Appl
59	5	100.0	10	4	US-09-508-753B-458	Sequence 458, Appl
C 60	5	100.0	10	4	US-09-508-753B-459	Sequence 459, Appl
61	5	100.0	10	4	US-09-508-753B-467	Sequence 467, Appl
62	5	100.0	10	4	US-09-489-855-11	Sequence 11, Appl
C 63	5	100.0	10	4	US-09-489-855-12	Sequence 12, Appl
C 64	5	100.0	10	4	US-09-822-250A-16	Sequence 16, Appl
65	5	100.0	10	4	US-09-889-611A-31	Sequence 31, Appl
66	5	100.0	10	4	US-09-889-611A-43	Sequence 43, Appl
C 67	5	100.0	10	4	US-10-034-350A-16	Sequence 16, Appl
C 68	5	100.0	10	5	PCT-US92-09827-1	Sequence 1, Appl
C 69	5	100.0	10	5	PCT-US95-01185-174	Sequence 174, Appl
C 70	5	100.0	10	5	PCT-US95-02419-25	Sequence 25, Appl
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75	5	100.0	11	1	US-08-147-656E-4	Sequence 4, Appl
76	5	100.0	11	1	US-08-696-139-6	Sequence 6, Appl
77	5	100.0	11	1	US-08-484-334-4	Sequence 4, Appl
C 78	5	100.0	11	2	US-08-441-887A-82	Sequence 82, Appl
C 79	5	100.0	11	2	US-08-441-887A-151	Sequence 151, Appl
C 80	5	100.0	11	2	US-08-812-994-1	Sequence 1, Appl
81	5	100.0	11	2	US-08-715-461-9	Sequence 9, Appl
82	5	100.0	11	3	US-09-013-092-4	Sequence 4, Appl
83	5	100.0	11	3	US-09-280-999-4	Sequence 4, Appl
C 84	5	100.0	11	3	US-09-157-257-21	Sequence 21, Appl
C 85	5	100.0	11	3	US-09-157-257-34	Sequence 34, Appl
C 86	5	100.0	11	3	US-08-477-831C-33	Sequence 33, Appl
C 87	5	100.0	11	4	US-09-249-155A-125	Sequence 125, Appl
C 88	5	100.0	11	4	US-09-269-006-1	Sequence 1, Appl
89	5	100.0	11	4	US-09-320-080-1	Sequence 1, Appl
90	5	100.0	12	1	US-07-990-297-8	Sequence 8, Appl
91	5	100.0	12	1	US-07-704-288C-18	Sequence 18, Appl
92	5	100.0	12	1	US-08-035-928-5	Sequence 5, Appl
93	5	100.0	12	1	US-08-035-928-7	Sequence 7, Appl
94	5	100.0	12	1	US-08-586-120-9	Sequence 9, Appl
95	5	100.0	12	1	US-08-254-355-9	Sequence 9, Appl
96	5	100.0	12	1	US-08-297-808A-3	Sequence 3, Appl
97	5	100.0	12	1	US-08-379-259-18	Sequence 18, Appl
98	5	100.0	12	1	US-08-608-881A-21	Sequence 21, Appl
99	5	100.0	12	1	US-08-667-023-5	Sequence 5, Appl
100	5	100.0	12	2	US-08-441-887A-59	Sequence 59, Appl

ALIGNMENTS

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RESULT 1
US-08-855-372B-20
; Sequence 20, Application US/08855372B
; Patent No. 6090549
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool.
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,372B
; FILING DATE: 13-MAY-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6090549 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
DB 1 GTATG 5

RESULT 2
US-09-048-927-4
; Sequence 4, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Year, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-4

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
DB 1 GTATG 5

RESULT 3
US-09-498-851-20
; Sequence 20, Application US/09498851
; Patent No. 6440671
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous
; TITLE OF INVENTION: Stacking Hybridization as a Diagnostic Tool.
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/498,851
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/855,372
; FILING DATE: 13-MAY-97
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6440671 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-09-498-851-20
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Query Match 100.0%; Score 5; DB 3; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
 Db 1 GTATG 5

RESULT 4
 US-08-615-170-10/c
 ; Sequence 10, Application US/08615170
 ; Patent No. 5776776
 ; GENERAL INFORMATION:
 ; APPLICANT: ORDAHL, Charles P.
 ; APPLICANT: AZAKIE, Anthony
 ; APPLICANT: MAR, Janet H.
 ; APPLICANT: FARRANCE, Iain K.G.
 ; APPLICANT: STEWART, Alexandre F.R.
 ; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Khourie and Crew
 ; STREET: Steuart Street Tower, One Market Plaza
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94105-1493
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/615,170
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/01526
 ; FILING DATE: 06-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/191,493
 ; FILING DATE: 04-FEB-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Heslin, James M.
 ; REGISTRATION NUMBER: 29,541
 ; REFERENCE/DOCKET NUMBER: 2307U-053120
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 326-2400
 ; TELEFAX: (415) 326-2422
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1..7
 ; OTHER INFORMATION: /standard name= "Sph-II binding
 ; OTHER INFORMATION: site in SV40"
 US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.1e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5

Db 5 GTATG 1

RESULT 5
 US-08-615-170-12/c
 ; Sequence 12, Application US/08615170
 ; Patent No. 5776776
 ; GENERAL INFORMATION:
 ; APPLICANT: ORDAHL, Charles P.
 ; APPLICANT: AZAKIE, Anthony
 ; APPLICANT: MAR, Janet H.
 ; APPLICANT: FARRANCE, Iain K.G.
 ; APPLICANT: STEWART, Alexandre F.R.
 ; APPLICANT: LARKIN, Sarah B.
 ; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Khourie and Crew
 ; STREET: Steuart Street Tower, One Market Plaza
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94105-1493
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/615,170
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/01526
 ; FILING DATE: 06-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/191,493
 ; FILING DATE: 04-FEB-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Heslin, James M.
 ; REGISTRATION NUMBER: 29,541
 ; REFERENCE/DOCKET NUMBER: 2307U-053120
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 326-2400
 ; TELEFAX: (415) 326-2422
 ; INFORMATION FOR SEQ ID NO: 12:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1..7
 ; OTHER INFORMATION: /standard name= "rat beta-Myosin
 ; OTHER INFORMATION: Heavy Chain M-CAT binding element"
 US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.1e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
 Db 5 GTATG 1

RESULT 6

Wed Mar 23 08:58:39 2005

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US-09-048-927-3
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match      100.0%; Score 5; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      2 GTATG 6

RESULT 7
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUEYING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.

US-09-048-927-3

REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 110.00450101
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match      100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      6 GTATG 2

RESULT 8
US-09-927-886-17/c
; Sequence 17, Application US/09927886
; Patent No. 6613752
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; TITLE OF INVENTION: Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match      100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
DB      6 GTATG 2

RESULT 9
US-08-583-276-1
; Sequence 1, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart
```

STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 bases
TYPE: nucleic acid
STRANDEDNESS: singular
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: Genomic DNA
US-08-583-276-1

Query Match 100.0%; Score 5; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 4 GTATG 8

RESULT 10
US-08-646-789A-8
Sequence 80, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-646-789A-8
Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 1 GTATG 5

RESULT 11
US-08-646-789A-80
Sequence 80, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-646-789A-80

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 60.0%; Pred. No. 1.7e+08;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 1 GTATG 5

RESULT 12
US-08-048-927-1
Sequence 1, Application US/09048927
Patent No. 6147056
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark

;; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
;; FILE REFERENCE: BU94-68A2
;; CURRENT APPLICATION NUMBER: US/09/048,927
;; CURRENT FILING DATE: 1998-03-26
;; EARLIER APPLICATION NUMBER: 08/952,697
;; EARLIER FILING DATE: 1996-06-03
;; EARLIER APPLICATION NUMBER: 08/467,012
;; EARLIER FILING DATE: 1995-06-06
;; NUMBER OF SEQ ID NOS: 4
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 1
;; LENGTH: 9
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 3 GTATG 7

RESULT 13
US-09-319-648-68/c
; Sequence 68, Application US/09319648
; Patent No. 6451530
; GENERAL INFORMATION:
; APPLICANT: Hawkins, Mary
; TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
; FORMATION for Detection of Nucleic Acid Hybridization
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 30-Jul-1999
; APPLICATION NUMBER: US/09/319,648
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,844
; FILING DATE: 13-DEC-1996
; APPLICATION NUMBER: WO PCT/US97/22448
; FILING DATE: 10-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fang, Carol
; REGISTRATION NUMBER: 48,631
; REFERENCE/DOCKET NUMBER: 015280-288100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
; US-09-319-648-68

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GTATG 5
Db 7 GTATG 3
RESULT 14
US-10-096-596-32/c
; Sequence 32, Application US/10096596
; Patent No. 6746845
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-096-596-32

Query Match 100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 7 GTATG 3

RESULT 15
US-09-263-790-37
; Sequence 37, Application US/09263790
; Patent No. PPI2997
; GENERAL INFORMATION:
; APPLICANT: Nixmal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMOPOGON WINTERIANUS
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles of the
; OTHER INFORMATION: plant Jal Pallavi
US-09-263-790-37

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

```
Db          5 GTATG 9

RESULT 16
US-09-721-777-19
; Sequence 19, Application US/09721777
; Patent No. PFI3279
; GENERAL INFORMATION:
; APPLICANT: Khanuja, Suman Preet Singh
; APPLICANT: Kumar, Sushil
; APPLICANT: Shasany, Ajit Kumar
; APPLICANT: Dhawan, Sunita
; APPLICANT: Darokar, Mahendra Pandurang
; APPLICANT: Nagvi, Ali Arif
; APPLICANT: Dhawan, Om Parkash
; APPLICANT: Singh, Anil Kumar
; APPLICANT: Patra, Nirmal Kumar
; APPLICANT: Bahl, Janak Raj
; APPLICANT: Bansal, Ram Prakash
; TITLE OF INVENTION: Mint Plant Named Saksham
; FILE REFERENCE: 033166-002
; CURRENT APPLICATION NUMBER: US/09/721,777
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: OPT primer
US-09-721-777-19

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          5 GTATG 9

RESULT 17
US-08-335-565A-27
; Sequence 27, Application US/08335565A
; Patent No. 5527671
; GENERAL INFORMATION:
; APPLICANT: Li, Kening
; APPLICANT: Rouse, Douglas I.
; APPLICANT: German, Thomas L.
; TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles and Brady
; STREET: 1 South Pinckney St., PO BOX 2113
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53701-2113
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/335,565A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Seav, Nicholas J
; REGISTRATION NUMBER: 27,386
; REFERENCE/DOCKET NUMBER: 960296.93065
; TELECOMMUNICATION INFORMATION:

Query Match          100.0%; Score 5; DB 1; Length 10;

Db          5 GTATG 9

RESULT 18
US-08-250-951-1/c
; Sequence 1, Application US/08250951
; Patent No. 5532129
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bingham & Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,951
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/790,262
; FILING DATE: 07-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: HEL0002P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note= "Donor chromophore at the 3'
; OTHER INFORMATION: T nucleotide"
US-08-250-951-1

Query Match          100.0%; Score 5; DB 1; Length 10;

Db          6 GTATG 10

TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-335-565A-27

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          6 GTATG 10
```

```
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GTATG 5
Db 8 GTATG 4

RESULT 19
US-08-232-233-1/c
; Sequence 1, Application US/08232233
; Patent No. 5565322
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-
; TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,233
; FILING DATE: May 4, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/790,262
; FILING DATE: No. 5565322ember 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note="Donor chromophore at the 3' T nucleotide"
;
US-08-232-233-1
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GTATG 5
Db 8 GTATG 4

RESULT 20
US-08-222-177A-422/c
; Sequence 422, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 422:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-222-177A-422
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GTATG 5
Db 8 GTATG 4

RESULT 21
US-08-351-748-23
; Sequence 23, Application US/08351748
; Patent No. 559672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

;; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,748
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 08/033,084
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaplan Esq., Warren A.
; REGISTRATION NUMBER: 34,199
; REFERENCE/DOCKET NUMBER: 181411-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-351-748-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GTATG 5
|||
Db 1 GTATG 5

RESULT 22
US-08-351-748-25
; Sequence 25, Application US/08351748
; Patent No. 5599672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; APPLICANT: Bianchi, Cesarlo F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESS: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 08/033,084
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaplan Esq., Warren A.
; REGISTRATION NUMBER: 34,199
; REFERENCE/DOCKET NUMBER: 181411-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs

;; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-351-748-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 GTATG 5
|||
Db 1 GTATG 5

RESULT 23
US-08-202-927-25/c
; Sequence 25, Application US/08202927
; Patent No. 5646126
; GENERAL INFORMATION:
; APPLICANT: Cheng, Yung-chi
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Meyer Jr., Rich B.
; APPLICANT: Pai, Balakrishna S.
; APPLICANT: Reed, Michael W.
; APPLICANT: Zhou, James H.
; TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having
; TITLE OF INVENTION: Anticancer Activity
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klein & Szekeres
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92715
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,927
; FILING DATE: 28-FEB-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-07-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (714) 854-5502
; TELEFAX: (714) 854-4897
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "Nucleotide 10 has a tail which comprises
; OTHER INFORMATION: a cholesterol moiety which has its A ring linked to
; OTHER INFORMATION: the 3'-phosphate through a carbonyl group attached
; OTHER INFORMATION: to the ring nitrogen of a moiety derived from
; OTHER INFORMATION: 4-hydroxy-2-hydroxymethylpyrrolidine (see
; OTHER INFORMATION: formula 3)." ;
; US-08-202-927-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 24
US-08-430-536A-23
; Sequence 23, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/430,536A
; FILING DATE: 25-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Herschbach Ph.D., Brenda M.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 181411-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-430-536A-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 26
US-08-171-718-45
; Sequence 45, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063

STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 181411-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-430-536A-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 26
US-08-171-718-45
; Sequence 45, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063


```

; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-171-718-45

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Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

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Qy      1 GTATG 5
Db      1 GTATG 5

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RESULT 27

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US-08-703-601-1/c
; Sequence 1, Application US/087033601
; Patent No. 5849489
; GENERAL INFORMATION:

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; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/703,601
; FILING DATE: August 23, 1996
; CLASSIFICATION: 435

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```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/232,233
; FILING DATE: May 5, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John

```

```

; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note="Donor chromophore at the 3' T
; OTHER INFORMATION: nucleotide"
US-08-703-601-1

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Query Match          100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

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Qy      1 GTATG 5
Db      8 GTATG 4

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RESULT 28

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US-08-684-547-23
; Sequence 23, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:

```

```

; APPLICANT: Pardee Ph.D., Arthur B.
; APPLICANT: Liang Ph.D., Peng
; TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891

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```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,547
; FILING DATE: 19-JUL-1995
; CLASSIFICATION: 435

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0181411-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000

```

```

; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-684-547-23

```

```

Query Match          100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

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Qy      1 GTATG 5
Db      1 GTATG 5

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RESULT 29

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US-08-684-547-25
; Sequence 25, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:

```

APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph.D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
TITLE OF INVENTION: OF MRNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0181411-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 30
US-08-469-318-174
Sequence 174, Application US/08469318
Patent No. 6022535
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Fusion
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 196
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,318
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,972
FILING DATE:
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-469-318-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 10

RESULT 31
US-08-468-609A-174
Sequence 174, Application US/08468609A
Patent No. 6030812
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Maire H.
APPLICANT: Easton, Alan M. K.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olin, Peter O.
APPLICANT: Paik, Kuman
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Interleukin-3 (IL-3)
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
ADDRESSEE: Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,609A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)737-6986
TELEFAX: (314)737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-468-609A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5

```
Db          |||||
            6 GTATG 10

RESULT 32
US-08-478-087-45
; Sequence 45, Application US/08478087
; Patent No. 6077685
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gusella, James P.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,087
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-478-087-45

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          |||||
            1 GTATG 5

RESULT 33
US-09-063-450-24/c
; Sequence 24, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          |||||
            5 GTATG 1

RESULT 34
US-09-063-450-33
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy          1 GTATG 5
Db          |||||
            3 GTATG 7

RESULT 35
US-09-123-638-1/c
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
```

```

; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6523-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: RNA
; FEATURE:
; NAME/KEY: polyA
; LOCATION: 10
; US-08-646-695-30
;
Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 60.0%; Pred. No. 3e+05;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 GTATG 5
Db 6 GUAUG 10
;
RESULT 37
US-08-875-533-31
; Sequence 31, Application US/08875533
; Patent No. 6254870
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: No. 6254870e1 c-MPL Ligands
; NUMBER OF SEQUENCES: 73
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,533
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/383,035
; FILING DATE: 04-FEB-1995
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-875-533-31
;
Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 1 GTATG 5
Db 1 GTATG 5
;
RESULT 38
US-08-446-872A-174
; Sequence 174, Application US/08446872A
; Patent No. 6361977
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.

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ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,227A
FILING DATE: 09-Dec-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: US 08/446,872
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708)470-6501
TELEFAX: (708)470-6881
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 174:
US-08-762-227A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred.No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
| | | | |
Db 6 GTATG 10

Search completed: March 22, 2005, 10:49:12
Job time : 47.3333 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 177.708 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5

Sequence: 1 gtag 5

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqs, 2976611598 residues

Total number of hits satisfying chosen parameters: 5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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- 17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq:*
- 18: /cgn2_6/ptodata/2/pubpna/US10F_PUBCOMB.seq:*
- 19: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 20: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
- 21: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 22: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	5	100.0	5	14	US-10-122-630-4
2	5	100.0	5	14	US-10-122-630-6
3	5	100.0	5	14	US-10-122-633-4
4	5	100.0	5	14	US-10-122-633-6
5	5	100.0	7	13	US-10-027-632-178029
6	5	100.0	7	13	US-10-027-632-178043
7	5	100.0	7	14	US-10-122-630-3
8	5	100.0	7	14	US-10-122-630-7
9	5	100.0	7	14	US-10-122-633-3
10	5	100.0	7	14	US-10-122-633-7
11	5	100.0	7	17	US-10-027-632-178029
					Sequence 4, Appli
					Sequence 6, Appli
					Sequence 4, Appli
					Sequence 6, Appli
					Sequence 178029,
					Sequence 3, Appli
					Sequence 7, Appli
					Sequence 3, Appli
					Sequence 7, Appli
					Sequence 178029,

c 12	5	100.0	7	17	US-10-027-632-178043	Sequence 178043,
c 13	5	100.0	8	9	US-09-142-593-11	Sequence 11, Appli
c 14	5	100.0	8	9	US-09-927-886-17	Sequence 17, Appli
c 15	5	100.0	8	9	US-09-861-014-6	Sequence 6, Appli
c 16	5	100.0	8	15	US-10-263-159-11	Sequence 11, Appli
c 17	5	100.0	8	15	US-10-138-560-224	Sequence 224, Appli
c 18	5	100.0	8	16	US-10-131-698-11	Sequence 11, Appli
c 19	5	100.0	8	17	US-10-314-578-1138	Sequence 1138, Ap
c 20	5	100.0	8	17	US-10-332-914-5	Sequence 5, Appli
c 21	5	100.0	8	17	US-10-608-516-17	Sequence 17, Appli
c 22	5	100.0	8	18	US-10-742-740-3	Sequence 3, Appli
c 23	5	100.0	8	18	US-10-861-108-9	Sequence 9, Appli
c 24	5	100.0	9	10	US-09-990-186-623	Sequence 623, App
c 25	5	100.0	9	10	US-09-990-186-2220	Sequence 2220, Ap
c 26	5	100.0	9	10	US-09-990-186-2256	Sequence 2256, Ap
c 27	5	100.0	9	10	US-09-989-994-623	Sequence 623, App
c 28	5	100.0	9	10	US-09-989-994-2220	Sequence 2220, Ap
c 29	5	100.0	9	10	US-09-989-994-2256	Sequence 2256, Ap
c 30	5	100.0	9	14	US-10-122-630-1	Sequence 1, Appli
c 31	5	100.0	9	14	US-10-122-633-1	Sequence 1, Appli
c 32	5	100.0	9	14	US-10-096-596-32	Sequence 32, Appli
c 33	5	100.0	9	17	US-10-378-558A-13	Sequence 13, Appli
c 34	5	100.0	9	17	US-10-427-629-3	Sequence 3, Appli
c 35	5	100.0	10	8	US-08-935-377-16	Sequence 16, Appli
c 36	5	100.0	10	9	US-09-822-250-16	Sequence 16, Appli
c 37	5	100.0	10	9	US-09-398-399-31	Sequence 31, Appli
c 38	5	100.0	10	9	US-09-899-381-31	Sequence 31, Appli
c 39	5	100.0	10	10	US-09-962-602-7	Sequence 7, Appli
c 40	5	100.0	10	10	US-09-962-602-8	Sequence 8, Appli
c 41	5	100.0	10	10	US-09-990-186-622	Sequence 622, App
c 42	5	100.0	10	10	US-09-990-186-636	Sequence 636, App
c 43	5	100.0	10	10	US-09-990-186-1338	Sequence 1338, Ap
c 44	5	100.0	10	10	US-09-990-186-1341	Sequence 1341, Ap
c 45	5	100.0	10	10	US-09-990-186-1342	Sequence 1342, Ap
c 46	5	100.0	10	10	US-09-990-186-1343	Sequence 1343, Ap
c 47	5	100.0	10	10	US-09-989-994-622	Sequence 622, App
c 48	5	100.0	10	10	US-09-989-994-636	Sequence 636, App
c 49	5	100.0	10	10	US-09-989-994-1338	Sequence 1338, Ap
c 50	5	100.0	10	10	US-09-989-994-1341	Sequence 1341, Ap
c 51	5	100.0	10	10	US-09-989-994-1342	Sequence 1342, Ap
c 52	5	100.0	10	10	US-09-989-994-1343	Sequence 1343, Ap
c 53	5	100.0	10	10	US-09-910-469-73	Sequence 73, Appli
c 54	5	100.0	10	10	US-09-910-469-74	Sequence 74, Appli
c 55	5	100.0	10	13	US-10-033-145-2	Sequence 2, Appli
c 56	5	100.0	10	13	US-10-033-145-313	Sequence 313, App
c 57	5	100.0	10	13	US-10-033-145-549	Sequence 549, App
c 58	5	100.0	10	13	US-10-033-145-723	Sequence 723, App
c 59	5	100.0	10	13	US-10-033-145-766	Sequence 766, App
c 60	5	100.0	10	13	US-10-033-145-824	Sequence 824, App
c 61	5	100.0	10	13	US-10-033-145-979	Sequence 979, App
c 62	5	100.0	10	13	US-10-033-145-1023	Sequence 1023, Ap
c 63	5	100.0	10	13	US-10-033-145-1052	Sequence 1052, Ap
c 64	5	100.0	10	13	US-10-033-145-1053	Sequence 1053, Ap
c 65	5	100.0	10	13	US-10-033-145-1134	Sequence 1134, Ap
c 66	5	100.0	10	13	US-10-033-145-1255	Sequence 1255, Ap
c 67	5	100.0	10	13	US-10-033-145-1423	Sequence 1423, Ap
c 68	5	100.0	10	13	US-10-033-145-1551	Sequence 1551, Ap
c 69	5	100.0	10	13	US-10-033-145-1566	Sequence 1566, Ap
c 70	5	100.0	10	13	US-10-033-145-1661	Sequence 1661, Ap
c 71	5	100.0	10	13	US-10-033-145-1698	Sequence 1698, Ap
c 72	5	100.0	10	13	US-10-033-145-1699	Sequence 1699, Ap
c 73	5	100.0	10	13	US-10-033-145-1724	Sequence 1724, Ap
c 74	5	100.0	10	13	US-10-033-145-1820	Sequence 1820, Ap
c 75	5	100.0	10	13	US-10-033-145-2048	Sequence 2048, Ap
c 76	5	100.0	10	13	US-10-033-145-2125	Sequence 2125, Ap
c 77	5	100.0	10	13	US-10-033-145-2125	Sequence 5, Appli
c 78	5	100.0	10	14	US-10-057-726-5	Sequence 5, Appli
c 79	5	100.0	10	15	US-10-290-143-9	Sequence 9, Appli
c 80	5	100.0	10	15	US-10-209-676-34	Sequence 34, Appli
c 81	5	100.0	10	16	US-10-329-465-10	Sequence 10, Appli
c 82	5	100.0	10	16	US-10-329-465-30	Sequence 30, Appli
c 83	5	100.0	10	16	US-10-044-674-88	Sequence 88, Appli
c 84	5	100.0	10	16	US-10-330-627-635	Sequence 635, Appli

Sequence 675, App
Sequence 676, App
Sequence 1066, App
Sequence 1443, App
Sequence 1479, App
Sequence 1493, App
Sequence 1531, App
Sequence 174, App
Sequence 78, App
Sequence 410, App
Sequence 1122, App
Sequence 114, App
Sequence 58, App
Sequence 18, App
Sequence 82, App
Sequence 151, App

85 5 100.0 10 16 US-10-330-627-675
86 5 100.0 10 16 US-10-330-627-676
87 5 100.0 10 16 US-10-330-627-1066
88 5 100.0 10 16 US-10-330-627-1443
89 5 100.0 10 16 US-10-330-627-1479
90 5 100.0 10 16 US-10-330-627-1493
91 5 100.0 10 16 US-10-330-627-1531
92 5 100.0 10 16 US-10-083-446-174
93 5 100.0 10 16 US-10-091-281-78
94 5 100.0 10 16 US-10-091-281-410
95 5 100.0 10 17 US-10-314-578-1122
96 5 100.0 10 17 US-10-401-194-114
97 5 100.0 10 17 US-10-193-507-58
98 5 100.0 10 17 US-10-293-222-18
99 5 100.0 10 17 US-10-293-222-82
100 5 100.0 10 17 US-10-293-222-151

ALIGNMENTS

RESULT 1
US-10-122-630-4
; Sequence 4, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-4

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 2
US-10-122-630-6/c
; Sequence 6, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides

FILE REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR FILING DATE: 1996-06-03
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 5
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 5 GTATG 1

RESULT 3
US-10-122-633-4
; Sequence 4, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-4

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 4
US-10-122-633-6/c
; Sequence 6, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:


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; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6

Query Match      100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
      |||||
Db      5 GTATG 1

RESULT 5
US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-027-632-178029

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
      |||||
Db      5 GTATG 1

US-10-027-632-178029
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-027-632-178029

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
      |||||
Db      5 GTATG 1
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RESULT 6
US-10-027-632-178043/c
; Sequence 178043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-027-632-178043

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
      |||||
Db      5 GTATG 1

US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3

RESULT 7
US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3
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US-10-122-630-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 8

US-10-122-630-7
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 9

US-10-122-633-3
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 10

US-10-122-633-7
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 11

US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23

; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 178029
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-178029

Query Match 100.0%; Score 5; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
 Db ||||| 5 GTATG 1

RESULT 12

US-10-027-632-178043/c
 ; Sequence 178043, Application US/10027632
 ; Publication No. US20030204075A9

; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; TITLE OF INVENTION: Polymorphisms in the Human Genome

; FILE REFERENCE: 108827.129
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 178043
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-178043

Query Match 100.0%; Score 5; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
 Db ||||| 5 GTATG 1

RESULT 13

US-09-142-593-11/c
 ; Sequence 11, Application US/09142593
 ; Patent No. US20020016975A1

; GENERAL INFORMATION:
 ; APPLICANT: HACKETT ET AL.
 ; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
 ; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MURTING, RAASCH & GEBHARDT, P.A.
 ; STREET: 119 NORTH FOURTH STREET, SUITE 203
 ; CITY: MINNEAPOLIS
 ; STATE: MINNESOTA
 ; COUNTRY: USA
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/142,593
 ; FILING DATE: 10-SEP-1998
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/040,664
 ; FILING DATE: 11-MAR-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/053,868
 ; FILING DATE: 28-JUL-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/065,303
 ; FILING DATE: 13-NOV-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US98/04687
 ; FILING DATE: 11-MAR-1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: SANDBERG, VICTORIA A.
 ; REGISTRATION NUMBER: 41,287
 ; REFERENCE/DOCKET NUMBER: 110.00450101
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-305-1226
 ; TELEFAX: 612-305-1228

; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 8 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 US-09-142-593-11

Query Match 100.0%; Score 5; DB 9; Length 8;
 Best Local Similarity 100.0%; Pred. No. 7.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
 Db ||||| 6 GTATG 2

RESULT 14

US-09-927-886-17/c
 ; Sequence 17, Application US/09927886
 ; Patent No. US20020103152A1

; GENERAL INFORMATION:
 ; APPLICANT: Kay, Mark A.
 ; APPLICANT: Yant, Stephen
 ; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
 ; Sleeping Beauty Transposon System
 ; FILE REFERENCE: STAN-160CIP
 ; CURRENT APPLICATION NUMBER: US/09/927,886
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: 60/162,279
 ; PRIOR FILING DATE: 1999-10-28
 ; PRIOR APPLICATION NUMBER: 09/440,301
 ; PRIOR FILING DATE: 1999-11-17
 ; NUMBER OF SEQ ID NOS: 19
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 17
 ; LENGTH: 8
 ; TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match      100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      6 GTATG 2

RESULT 15
US-09-861-014-6/c
; Sequence 6, Application US/09861014
; Patent No. US20020115216A1
; GENERAL INFORMATION:
; APPLICANT: Steer, Clifford
; APPLICANT: Kren, Betsy
; APPLICANT: Linehan-Stiebers, Cheryle
; APPLICANT: McIvor, R.
; APPLICANT: Hackett, Perry
; TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
; FILE REFERENCE: 110.01330101
; CURRENT APPLICATION NUMBER: US/09/861,014
; CURRENT FILING DATE: 2001-05-19
; PRIOR APPLICATION NUMBER: US 60/206,002
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/285,121
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Direct repeat sequence
US-09-861-014-6

Query Match      100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      6 GTATG 2

RESULT 16
US-10-263-159-11/c
; Sequence 11, Application US/10263159
; Publication No. US2003012468A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/10/263,159
; FILING DATE: 02-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-263-159-11

Query Match      100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      6 GTATG 2

RESULT 17
US-10-128-560-224
; Sequence 224, Application US/10128560
; Publication No. US20030134272A1
; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
; FILE REFERENCE: UG-005-PCT
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 224
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-224

Query Match      100.0%; Score 5; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      3 GTATG 7
```

RESULT 18

US-10-191-698-11/c
; Sequence 11, Application US/10191698
; Publication No. US20030154500A1
; GENERAL INFORMATION:
; APPLICANT: Hackett, P. B.
; APPLICANT: Clark, Karl J.
; APPLICANT: Ivics, Zoltan
; APPLICANT: Izsvak, Zsuzsanna
; APPLICANT: Scott C. Fahrenkrug
; TITLE OF INVENTION: NUCLEIC ACID TRANSFER VECTOR FOR THE INTRODUCTION OF
; FILE REFERENCE: 110.00870102
; CURRENT APPLICATION NUMBER: US/10/191,698
; PRIOR FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A portion of a
; OTHER INFORMATION: direct repeat sequence
US-10-191-698-11

Query Match 100.0%; Score 5; DB 16; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 6 GTATG 2

RESULT 19

US-10-314-578-1138
; Sequence 1138, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1138
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1138

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 3 GTATG 7

RESULT 20

US-10-332-914-5
; Sequence 5, Application US/10332914
; Publication No. US20040025200A1
; GENERAL INFORMATION:
; APPLICANT: Unicrop Ltd
; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its
; FILE REFERENCE: A0420PC-
; CURRENT APPLICATION NUMBER: US/10/332,914
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 09/617,543
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/FI01/00670
; PRIOR FILING DATE: 2001-07-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 8
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: -
; FEATURE:
; OTHER INFORMATION: 5' exon/intron boundary site
US-10-332-914-5

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 60.0%; Pred. No. 7.2e+08;
Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
||:|
DB 3 GUAUG 7

RESULT 21

US-10-608-516-17/c
; Sequence 17, Application US/10608516
; Publication No. US20040092471A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/10/608,516
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: US/09/927,886
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-10-608-516-17

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||
DB 6 GTATG 2

RESULT 22

US-10-742-740-3/c
; Sequence 3, Application US/10742740
; Publication No. US20040234504A1
; GENERAL INFORMATION:
; APPLICANT: VERMA, Inder M.
; APPLICANT: TISCORNIA, Gustavo
; APPLICANT: SINGER, Oded
; TITLE OF INVENTION: METHODS OF INHIBITING GENE EXPRESSION BY
; TITLE OF INVENTION: RNA INTERFERENCE
; FILE REFERENCE: 66671-086
; CURRENT APPLICATION NUMBER: US/10/742,740
; CURRENT FILING DATE: 2003-12-18
; PRIOR APPLICATION NUMBER: 60/434,523
; PRIOR FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-742-740-3

Query Match 100.0%; Score 5; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 23

US-10-861-108-9/c
; Sequence 9, Application US/10861108
; Publication No. US2005003542A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon
; TITLE OF INVENTION: System and Methods for Using the Same
; FILE REFERENCE: STAN-307
; CURRENT APPLICATION NUMBER: US/10/861,108
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: 60/476,266
; PRIOR FILING DATE: 2003-06-04
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 8
; TYPE: DNA
; ORGANISM: salmonid
US-10-861-108-9

Query Match 100.0%; Score 5; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 24

US-09-990-186-623/c
; Sequence 623, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3

; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 6 GTATG 2

RESULT 25

US-09-990-186-2220
; Sequence 2220, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 4 GTATG 8

RESULT 26

US-09-990-186-2256
; Sequence 2256, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA

US-09-990-186-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|||||
Db 4 GTATG 8

RESULT 27

US-09-989-994-623/c
; Sequence 623, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|||||
Db 6 GTATG 2

RESULT 28

US-09-989-994-2220
; Sequence 2220, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|||||
Db 4 GTATG 8

RESULT 29

US-09-989-994-2256
; Sequence 2256, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|||||
Db 4 GTATG 8

RESULT 30

US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yeager, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR FILING DATE: 1995-06-06
; PRIOR FILING DATE: 1995-06-06
; PRIOR FILING DATE: 1995-06-06
; PRIOR FILING DATE: 1996-06-03
; PRIOR FILING DATE: 1996-06-03
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 2000-03-31
; PRIOR FILING DATE: 2000-03-31
; PRIOR FILING DATE: 2001-03-30
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|||||
Db 3 GTATG 7

RESULT 31

US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|
|
|
|
Db 3 GTATG 7

RESULT 32

US-10-096-596-32/c
; Sequence 32, Application US/10096596
; Publication No. US20030049653A1
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|
|
|
|
Db 7 GTATG 3

RESULT 33

US-10-378-558A-13
; Sequence 13, Application US/10378558A
; Publication No. US20040009576A1
; GENERAL INFORMATION:
; APPLICANT: Kalscheuer, Rainer
; APPLICANT: Steinbuechel, Alexander
; APPLICANT: Voelker, Toni
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
; FILE REFERENCE: MONS:026US2
; CURRENT APPLICATION NUMBER: US/10/378,558A
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,774
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13

Query Match 100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|
|
|
|
Db 3 GTATG 7

RESULT 34

US-10-427-629-3
; Sequence 3, Application US/10427629
; Publication No. US20040078834A1
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted
; FILE REFERENCE: TJU2851
; CURRENT APPLICATION NUMBER: US/10/427,629
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 60/376,464
; PRIOR FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-427-629-3

Query Match 100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
|
|
|
|
Db 2 GTATG 6

RESULT 35

US-08-935-377-16/c
; Sequence 16, Application US/08935377
; Publication No. US20030133917A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: T Cells Specific for Target Antigens and
; TITLE OF INVENTION: Vaccines Based Thereon
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington

; STATE: D. C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,377
; FILING DATE: 22-SEP-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1821.0010000/EKS/CMB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-935-377-16

Query Match 100.0%; Score 5; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 10 GTATG 6

RESULT 36

US-09-822-250-16/c
; Sequence 16, Application US/09822250
; Patent No. US20020018785A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus
; FILE REFERENCE: 1821.0010001
; CURRENT APPLICATION NUMBER: US/09/822,250
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 08/935,377
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 10
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-822-250-16

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 10 GTATG 6

RESULT 37

US-09-398-399-31
; Sequence 31, Application US/09398399
; Patent No. US20020051973A1
; GENERAL INFORMATION:
; APPLICANT: DELENSTARR, GLENDA C.
; APPLICANT: LEFKOWITZ, STEVEN M.

; APPLICANT: LUEBKE, KEVIN J.
; APPLICANT: OVERMAN, LESLIE B.
; APPLICANT: SAMPRAS, NICHOLAS M.
; APPLICANT: SAMPSON, JEFFREY R.
; APPLICANT: WOLBER, PAUL K.
; TITLE OF INVENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC
; TITLE OF INVENTION: ACIDS TO SURFACES
; FILE REFERENCE: 10981620-1
; CURRENT APPLICATION NUMBER: US/09/398,399
; CURRENT FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 38

US-09-899-381-31
; Sequence 31, Application US/09899381
; Patent No. US20020068293A1
; GENERAL INFORMATION:
; APPLICANT: Delenstarr, Glend C.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Sana, Theodore R.
; TITLE OF INVENTION: Arrays Having Background Features and
; TITLE OF INVENTION: Methods for Using the Same
; FILE REFERENCE: 10010760-1
; CURRENT APPLICATION NUMBER: US/09/899,381
; CURRENT FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 09/398,399
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic probe
US-09-899-381-31

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 2 GTATG 6

RESULT 39

US-09-962-602-7/c
; Sequence 7, Application US/09962602
; Publication No. US20030059899A1
; GENERAL INFORMATION:
; APPLICANT: SASTRY, MURALI
; APPLICANT: KUMAR, ASHAVANI
; APPLICANT: RAMAKRISHNAN, VIDYA
; APPLICANT: GANESH, KRISHNARAJANAGAR
; TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES

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; FILE REFERENCE: 4062-6
; CURRENT APPLICATION NUMBER: US/09/962,602
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA1
US-09-962-602-7
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Query Match      100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      1 GTATG 5
Db      6 GTATG 2
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RESULT 40
US-09-962-602-8
; Sequence 8, Application US/09962602
; Publication No. US20030059899A1
; GENERAL INFORMATION:
; APPLICANT: SASTRY, MURALI
; APPLICANT: KUMAR, ASHAVANI
; APPLICANT: RAMAKRISHNAN, VIDYA
; APPLICANT: GANESH, KRISHNARAJANAGAR
; TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
; FILE REFERENCE: 4062-6
; CURRENT APPLICATION NUMBER: US/09/962,602
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA2
US-09-962-602-8
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Query Match      100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 GTATG 5
Db      5 GTATG 9
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Search completed: March 22, 2005, 19:09:38
Job time : 180.708 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 95.3333 Seconds
(without alignments)
188.801 Million cell updates

Title: US-09-540-843-5
Perfect score: 11
Sequence: 1 gttaggggttag 11

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gap

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

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Minimum DB seq length: 0
Maximum DB seq length: 200
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100

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Database :
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2: /cgm2_6/ptodata/1/ina/5B COMB.seq.*
3: /cgm2_6/ptodata/1/ina/6A COMB.seq.*
4: /cgm2_6/ptodata/1/ina/6B COMB.seq.*
5: /cgm2_6/ptodata/1/ina/PTUS COMB.seq.*
6: /cgm2_6/ptodata/1/ina/backfiles1.seq.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
C 1	11	100.0	11	1	US-08-330-123A-2	Sequence 2, Appli
C 2	11	100.0	11	1	US-08-482-115B-2	Sequence 2, Appli
C 3	11	100.0	11	1	US-08-660-678A-2	Sequence 2, Appli
C 4	11	100.0	11	2	US-08-531-743-11	Sequence 11, Appl
C 5	11	100.0	11	2	US-08-531-743-12	Sequence 12, Appl
C 6	11	100.0	11	2	US-08-485-778-36	Sequence 36, Appl
C 7	11	100.0	11	2	US-08-472-802C-3	Sequence 3, Appli
C 8	11	100.0	11	3	US-08-520-550A-36	Sequence 36, Appl
C 9	11	100.0	11	3	US-08-630-019A-9	Sequence 9, Appli
C 10	11	100.0	11	3	US-08-630-019A-30	Sequence 30, Appl
C 11	11	100.0	11	3	US-08-630-019A-39	Sequence 39, Appl
C 12	11	100.0	11	3	US-08-838-545-13	Sequence 13, Appl
C 13	11	100.0	11	3	US-08-838-545-31	Sequence 31, Appl
C 14	11	100.0	11	3	US-08-838-545-44	Sequence 44, Appl
C 15	11	100.0	11	3	US-08-998-443-2	Sequence 2, Appli
C 16	11	100.0	11	3	US-09-060-523-2	Sequence 2, Appli
C 17	11	100.0	11	3	US-09-349-532-13	Sequence 13, Appl
C 18	11	100.0	11	3	US-09-349-532-31	Sequence 31, Appl
C 19	11	100.0	11	3	US-09-349-532-44	Sequence 44, Appl
C 20	11	100.0	11	3	US-09-580-517-2	Sequence 2, Appli
C 21	11	100.0	11	4	US-09-057-351-2	Sequence 2, Appli
C 22	11	100.0	11	4	US-09-657-445A-1	Sequence 1, Appli
C 23	11	100.0	11	4	US-09-835-370-63	Sequence 63, Appl
C 24	11	100.0	11	4	US-10-463-076-1	Sequence 1, Appli
C 25	11	100.0	12	3	US-08-630-019A-10	Sequence 10, Appl
C 26	11	100.0	12	3	US-08-838-545-8	Sequence 8, Appli
C 27	11	100.0	12	3	US-09-349-532-8	Sequence 8, Appli

ALIGNMENTS

```

RESULT 1
US-08-330-123A-2/c
; Sequence 2, Application US/08330123A
; Patent No. 5583016
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; APPLICANT: FENG, Junli
; APPLICANT: FUNK, Walter
; APPLICANT: ANDREWS, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,123A
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000810
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-330-123A-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 2
US-08-482-115B-2/c
; Sequence 2, Application US/08482115B
; Patent No. 576679
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; APPLICANT: FENG, Junli
; APPLICANT: FUNK, Walter
; APPLICANT: ANDREWS, William H.
; TITLE OF INVENTION: Assays for the RNA Component of Human
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,115B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000830US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-482-115B-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 3
US-08-660-678A-2/c
; Sequence 2, Application US/08660678A
; Patent No. 5837857
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; APPLICANT: FENG, Junli
; APPLICANT: FUNK, Walter
; APPLICANT: ANDREWS, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435

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;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/330,123
;; FILING DATE: 27-OCT-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/272,102
;; FILING DATE: 07-JUL-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Storella, John R.
;; REGISTRATION NUMBER: 32,944
;; REFERENCE/DOCKET NUMBER: 015389-000811US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 576-0200
;; TELEFAX: (415) 576-0300
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 11 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: RNA
US-08-660-678A-2

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||
Db 11 GTTAGGGTTAG 1

RESULT 4
US-08-531-743-11
;; Sequence 11, Application US/08531743
;; Patent No. 5856096
;; GENERAL INFORMATION:
;; APPLICANT: Windle, Bradford B.
;; APPLICANT: Qiu, Ming
;; APPLICANT: Chen, Shi-fong
;; APPLICANT: Fletcher, Terace M.
;; APPLICANT: Maine, Ira
;; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
;; TITLE OF INVENTION: Distinguishing Between Processive and
;; TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
;; NUMBER OF SEQUENCES: 17
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Arnold, White & Durkee
;; STREET: P.O. Box 4433
;; CITY: Houston
;; STATE: Texas
;; COUNTRY: United States of America
;; ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTCR:026/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

;; TOPOLOGY: linear
US-08-531-743-11

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||
Db 1 GTTAGGGTTAG 11

RESULT 5
US-08-531-743-12/c
;; Sequence 12, Application US/08531743
;; Patent No. 5856096
;; GENERAL INFORMATION:
;; APPLICANT: Windle, Bradford B.
;; APPLICANT: Qiu, Ming
;; APPLICANT: Chen, Shi-fong
;; APPLICANT: Fletcher, Terace M.
;; APPLICANT: Maine, Ira
;; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
;; TITLE OF INVENTION: Distinguishing Between Processive and
;; TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
;; NUMBER OF SEQUENCES: 17
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Arnold, White & Durkee
;; STREET: P.O. Box 4433
;; CITY: Houston
;; STATE: Texas
;; COUNTRY: United States of America
;; ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTCR:026/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-531-743-12

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||
Db 11 GTTAGGGTTAG 1

RESULT 6
US-08-485-778-36/c
;; Sequence 36, Application US/08485778
;; Patent No. 5876979
;; GENERAL INFORMATION:
;; APPLICANT: Andrews, William H.
;; APPLICANT: Avilion, Ariel Athena

APPLICANT: Feng, Junli
 APPLICANT: Funk, Walter
 APPLICANT: Greider, Carol
 APPLICANT: Marhuenda, Maria Antonia Blasco
 APPLICANT: Villeponteau, Bryant
 TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
 NUMBER OF SEQUENCES: 45
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: MA
 COUNTRY: US
 ZIP: 02173

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 07-JE-1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/387,524
 FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/485,778
 FILING DATE: 07-JE-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/387,524

FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/330,123

FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

ATTORNEY/AGENT INFORMATION:
 NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: CSHL94-05A4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-861-6240

TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

US-08-485-778-36

Query Match 100.0%; Score 11; DB 2; Length 11;
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

Db 11 GTTAGGGTTAG 1

RESULT 7

US-08-472-802C-3/c

Sequence 3, Application US/08472802C

Patent No. 5958680

GENERAL INFORMATION:

APPLICANT: Villeponteau, Bryant

APPLICANT: Feng, Junli

APPLICANT: Andrews, William H.

TITLE OF INVENTION: Mammalian Telomerase

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/330,123

FILING DATE: 27-OCT-1994

ATTORNEY/AGENT INFORMATION:
 NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 15389-000820

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

US-08-472-802C-3

Query Match 100.0%; Score 11; DB 2; Length 11;

Best Local Similarity 100.0%; Pred. No. 6.7e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11

Db 11 GTTAGGGTTAG 1

RESULT 8

US-08-520-550A-36/c

Sequence 36, Application US/08520550A

Patent No. 6013468

GENERAL INFORMATION:

APPLICANT: Andrews, William H.

APPLICANT: Avilion, Ariel A.

APPLICANT: Feng, Junli

APPLICANT: Funk, Walter

APPLICANT: Greider, Carol

APPLICANT: Marhuenda, Maria A. B.

APPLICANT: Villeponteau, Bryant

TITLE OF INVENTION: RNA Component of Telomerase

NUMBER OF SEQUENCES: 47

CORRESPONDENCE ADDRESS:

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.

STREET: Two Militia Drive

CITY: Lexington

STATE: MA

COUNTRY: US

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/520,550A

FILING DATE: 29-AUG-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/387,524

FILING DATE: 13-FEB-1995

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: CSHL94-05A3B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-520-550A-36

Query Match      100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      11 GTTAGGGTTAG 1

RESULT 9
US-08-630-019A-9
; Sequence 9, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-630-019A-30

Query Match      100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      11 GTTAGGGTTAG 1

RESULT 11
US-08-630-019A-39
; Sequence 39, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
```

GENERAL INFORMATION: Jerry W.
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
US-08-630-019A-39

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 12
US-08-838-545-13
Sequence 13, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-13

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 13
US-08-838-545-31/c
Sequence 31, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.


```
;
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
; US-08-838-545-31

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

RESULT 14
US-08-838-545-44
; Sequence 44, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyzek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
```

```
;
; DESCRIPTION: /desc = "phosphorothioate (PS)
; DESCRIPTION: nucleic acid"
; US-08-838-545-44

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
US-08-998-443-2/c
; Sequence 2, Application US/08998443
; Patent No. 6054575
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/998,443
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678
; FILING DATE: 05-JUN-1996
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000811US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; US-08-998-443-2

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11
```

RESULT 16
 US-09-060-523-2/c
 ; Sequence 2, Application US/09060523
 ; Patent No. 6258535
 ; GENERAL INFORMATION:
 ; APPLICANT: Villeeponteu, Bryant
 ; APPLICANT: Peng, Junli
 ; APPLICANT: Funk, Walter
 ; APPLICANT: Andrews, William H.
 ; TITLE OF INVENTION: Mammalian Telomerase
 ; NUMBER OF SEQUENCES: 25
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/060.523
 ; FILING DATE: 14-APR-1998
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/660,678
 ; FILING DATE: 05-JUN-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/330,123
 ; FILING DATE: 27-OCT-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/272,102
 ; FILING DATE: 07-JUL-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Storella, John R.
 ; REGISTRATION NUMBER: 32,944
 ; REFERENCE/DOCKET NUMBER: 015389-000813US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 11 base pairs
 ; TYPE: nucleic acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: RNA
 ; US-09-060-523-2

Query Match 100.0%; Score 11; DB 3; Length 11;
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
 Db 11 GTTAGGGTTAG 1

RESULT 17
 US-09-349-532-13
 ; Sequence 13, Application US/09349532
 ; Patent No. 6294650
 ; GENERAL INFORMATION:
 ; APPLICANT: Shay, Jerry W.
 ; APPLICANT: Wright, Woodring E.
 ; APPLICANT: Piatyszek, Mieczyslaw A.
 ; APPLICANT: Corey, David R.
 ; APPLICANT: No. 6294650ton, James C.
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 ; Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/349,532
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/838,545
 FILING DATE: 09-APR-1997
 APPLICATION NUMBER: US 08/630,019
 FILING DATE: 09-APR-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Storella, John R.
 REGISTRATION NUMBER: 32,944
 REFERENCE/DOCKET NUMBER: 015389-001610US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid (PNA),
 DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
 DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
 DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
 US-09-349-532-13

Query Match 100.0%; Score 11; DB 3; Length 11;
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
 Db 1 GTTAGGGTTAG 11

RESULT 18
 US-09-349-532-31/c
 ; Sequence 31, Application US/09349532
 ; Patent No. 6294650
 ; GENERAL INFORMATION:
 ; APPLICANT: Shay, Jerry W.
 ; APPLICANT: Wright, Woodring E.
 ; APPLICANT: Piatyszek, Mieczyslaw A.
 ; APPLICANT: Corey, David R.
 ; APPLICANT: No. 6294650ton, James C.
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 ; Peptide Nucleic Acids
 ; NUMBER OF SEQUENCES: 60
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk

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/
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/349,532
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/838,545
/ FILING DATE: 09-APR-1997
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 31:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "peptide nucleic acid (PNA),
/ DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
/ DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
/ DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
/
US-09-349-532-31

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

RESULT 19
US-09-349-532-44
; Sequence 44, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Platyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650con, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/09/349,532
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
```

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/
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 44:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 11 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "phosphorothioate (PS)
/ DESCRIPTION: nucleic acid"
/
US-09-349-532-44

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 20
US-09-580-517-2/c
; Sequence 2, Application US/09580517
; Patent No. 6320039
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; FENG, Junli
; FUNK, Walter
; ANDREWS, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/580,517
; FILING DATE: 25-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/330,123
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000810
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
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; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-580-517-2

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | |
Db 11 GTTAGGGTTAG 1

RESULT 21

US-09-057-351-2/c
; Sequence 2, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | |
Db 11 GTTAGGGTTAG 1

RESULT 22

US-09-657-445A-1
; Sequence 1, Application US/09657445A
; Patent No. 6608036
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-P5' Thiophosphoramidates: Their Synthesis and
; FILE REFERENCE: 039/003
; CURRENT APPLICATION NUMBER: US/09/657,445A
; CURRENT FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-09-657-445A-1

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | |
Db 1 GTTAGGGTTAG 11

RESULT 23

US-09-835-370-63
; Sequence 63, Application US/09835370
; Patent No. 677544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 63
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-63

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTAGGGTTAG 11
| | | | | | | | | | |
Db 1 GTTAGGGTTAG 11

RESULT 24

US-10-463-076-1
; Sequence 1, Application US/10463076

Patent No. 6835826
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and Use
FILE REFERENCE: 039/004C
CURRENT FILING DATE: 2003-06-17
PRIORITY APPLICATION NUMBER: US 09/657,445
PRIORITY FILING DATE: 2000-09-08
PRIORITY APPLICATION NUMBER: US 60/153,201
PRIORITY FILING DATE: 1999-09-10
PRIORITY APPLICATION NUMBER: US 60/160,444
PRIORITY FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 11
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1

Query Match 100.0%; Score 11; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 1 GTTAGGGTTAG 11

RESULT 25
US-08-630-019A-10
Sequence 10, Application US/08630019A
Patent No. 6015710
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyzek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-10

LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-10

Query Match 100.0%; Score 11; DB 3; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 2 GTTAGGGTTAG 12

RESULT 26
US-08-838-545-8
Sequence 8, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyzek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-8

Query Match 100.0%; Score 11; DB 3; Length 12;

Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 2 GTTAGGGTTAG 12

RESULT 27

US-09-349-532-8
; Sequence 8, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/349,532
FILING DATE: 09-APR-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
where (deoxy)ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"

US-09-349-532-8
Query Match 100.0%; Score 11; DB 3; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 2 GTTAGGGTTAG 12

RESULT 28

US-08-630-019A-11

; Sequence 11, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
where (deoxy)ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino nitrogen through a methylenecarbonyl linker"

US-08-630-019A-11
Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

US-08-630-019A-15
; Sequence 15, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco

US-08-630-019A-11
Query Match 100.0%; Score 11; DB 3; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 2 GTTAGGGTTAG 12

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; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-15

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 30
US-08-838-545-1
; Sequence 1, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Platysek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-1

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 31
US-08-838-545-12
; Sequence 12, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Platysek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-12

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 32
US-09-349-532-1
Sequence 1, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyzsek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-1

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GTTAGGGTTAG 11
Db 3 GTTAGGGTTAG 13

RESULT 33
US-09-349-532-12
Sequence 12, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyzsek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-12

Query Match 100.0%; Score 11; DB 3; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 34
US-09-657-445A-8
Sequence 8, Application US/09657445A


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/ Patent No. 6608036
/ GENERAL INFORMATION:
/ APPLICANT: Geron Corporation
/ APPLICANT: Gryaznov, Sergei
/ APPLICANT: Pongracz, Krisztina
/ APPLICANT: Matray, Tracey
/ TITLE OF INVENTION: Oligonucleotide N3'-P5' Thiophosphoramidates: Their Synthesis and
/ FILE REFERENCE: 039/003
/ CURRENT APPLICATION NUMBER: US/09/657,445A
/ CURRENT FILING DATE: 2000-09-09
/ PRIOR APPLICATION NUMBER: US 60/153,201
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/160,444
/ PRIOR FILING DATE: 1999-10-19
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 8
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-09-657-445A-8

Query Match      100.0%; Score 11; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      |||||
        3 GTTAGGGTTAG 13

RESULT 35
US-10-463-076-8
/ Sequence 8, Application US/10463076
/ Patent No. 6835826
/ GENERAL INFORMATION:
/ APPLICANT: Geron Corporation
/ APPLICANT: Gryaznov, Sergei
/ APPLICANT: Pongracz, Krisztina
/ APPLICANT: Matray, Tracey
/ TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and
/ FILE REFERENCE: 039/004C
/ CURRENT APPLICATION NUMBER: US/10/463,076
/ CURRENT FILING DATE: 2003-06-17
/ PRIOR APPLICATION NUMBER: US 09/657,445
/ PRIOR FILING DATE: 2000-09-08
/ PRIOR APPLICATION NUMBER: US 60/153,201
/ PRIOR FILING DATE: 1999-09-10
/ PRIOR APPLICATION NUMBER: US 60/160,444
/ PRIOR FILING DATE: 1999-10-19
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 8
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-8

Query Match      100.0%; Score 11; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      |||||
        3 GTTAGGGTTAG 13

RESULT 36
US-08-531-743-4/c
/ Sequence 8, Application US/08531743
/ Patent No. 5856096
/ GENERAL INFORMATION:
/ APPLICANT: Windle, Bradford E.
/ APPLICANT: Oiu, Ming
/ APPLICANT: Chen, Shi-fong
/ APPLICANT: Fletcher, Terace M.
/ APPLICANT: Maine, Ira
/ TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
/ TITLE OF INVENTION: Distinguishing Between Processive and
/ TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
/ NUMBER OF SEQUENCES: 17
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: United States of America
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/531,743
/ FILING DATE: 20-SEP-1995
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Highlander, Steven L.
/ REGISTRATION NUMBER: 37,642
/ REFERENCE/DOCKET NUMBER: CTRC:026/HYL
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 418-3000
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-531-743-4

Query Match      100.0%; Score 11; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTTAG 11
Db      |||||
        13 GTTAGGGTTAG 3

RESULT 17
US-08-630-019A-12
/ Sequence 12, Application US/08630019A
/ Patent No. 6015710
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyszek, Mieczyslaw A.
/ APPLICANT: Corey, David
/ APPLICANT: No. 6015710ton, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 46
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
; US-08-630-019A-12
;
Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 5 GTTAGGGTTAG 15

RESULT 38
US-08-630-019A-18
; Sequence 18, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
; US-08-630-019A-40
;
Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 39
US-08-630-019A-40
; Sequence 40, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
; US-08-630-019A-40
;
Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11
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Db 5 GTTAGGGTTAG 15

RESULT 40
US-08-838-545-2
; Sequence 2, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylene-carbonyl linker"
US-08-838-545-2

Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GTTAGGGTTAG 11
Db 5 GTTAGGGTTAG 15

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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 390.958 Seconds
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167.500 Million cell updates/sec

Title: US-09-540-843-5
Perfect score: 11
Sequence: 1 gtagggtag 11

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqs, 2976611598 residues

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Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	11	100.0	11	9	US-09-057-351-2
2	11	100.0	11	10	US-09-835-370-63
3	11	100.0	11	14	US-10-122-630-5
C 4	11	100.0	11	14	US-10-122-630-9
5	11	100.0	11	14	US-10-122-633-5
C 6	11	100.0	11	14	US-10-122-633-9
7	11	100.0	11	15	US-10-255-535-4
8	11	100.0	11	15	US-10-255-535-14
C 9	11	100.0	11	16	US-10-359-935-2
10	11	100.0	11	17	US-10-463-076-1
11	11	100.0	11	18	US-10-181-823-16
C 1	11	100.0	11	9	US-09-057-351-2
2	11	100.0	11	10	US-09-835-370-63
3	11	100.0	11	14	US-10-122-630-5
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7	11	100.0	11	15	US-10-255-535-4
8	11	100.0	11	15	US-10-255-535-14
C 9	11	100.0	11	16	US-10-359-935-2
10	11	100.0	11	17	US-10-463-076-1
11	11	100.0	11	18	US-10-181-823-16

12	11	100.0	11	18	US-10-181-823-20	Sequence 20, Appl
13	11	100.0	11	18	US-10-863-999-63	Sequence 63, Appl
C 14	11	100.0	11	18	US-10-831-266-1	Sequence 1, Appl
15	11	100.0	11	19	US-10-831-267-1	Sequence 1, Appl
C 16	11	100.0	11	19	US-10-967-755-1	Sequence 1, Appl
17	11	100.0	12	18	US-10-257-017B-305261	Sequence 305261, Appl
C 18	11	100.0	12	18	US-10-257-017B-334175	Sequence 334175, Appl
19	11	100.0	13	10	US-09-893-252-4	Sequence 4, Appl
20	11	100.0	13	14	US-10-038-335-1	Sequence 1, Appl
21	11	100.0	13	14	US-10-038-335-2	Sequence 2, Appl
22	11	100.0	13	16	US-10-347-253-1	Sequence 1, Appl
23	11	100.0	13	16	US-10-368-451-1	Sequence 1, Appl
24	11	100.0	13	17	US-10-463-076-8	Sequence 8, Appl
25	11	100.0	13	18	US-10-257-017B-19897	Sequence 19897, A
C 26	11	100.0	13	18	US-10-257-017B-19898	Sequence 19898, A
27	11	100.0	13	18	US-10-257-017B-102799	Sequence 102799, A
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29	11	100.0	13	19	US-10-967-755-8	Sequence 8, Appl
C 30	11	100.0	16	16	US-10-232-927A-20	Sequence 20, Appl
31	11	100.0	16	18	US-10-333-152A-8	Sequence 8, Appl
C 32	11	100.0	16	18	US-10-780-464-2	Sequence 2, Appl
C 33	11	100.0	16	18	US-10-831-266-16	Sequence 16, Appl
C 34	11	100.0	16	19	US-10-831-267-22	Sequence 22, Appl
C 35	11	100.0	18	8	US-08-463-404-4	Sequence 4, Appl
36	11	100.0	18	8	US-08-463-404-5	Sequence 5, Appl
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C 38	11	100.0	18	9	US-09-947-659-1	Sequence 1, Appl
39	11	100.0	18	9	US-09-947-659-2	Sequence 2, Appl
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C 42	11	100.0	18	14	US-10-132-002-2	Sequence 2, Appl
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C 44	11	100.0	18	14	US-10-238-732-2	Sequence 2, Appl
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49	11	100.0	18	15	US-10-336-265-11	Sequence 11, Appl
50	11	100.0	18	15	US-10-336-265-15	Sequence 15, Appl
51	11	100.0	18	15	US-10-336-265-60	Sequence 60, Appl
C 52	11	100.0	18	15	US-10-336-265-61	Sequence 61, Appl
53	11	100.0	18	16	US-10-359-335-26	Sequence 26, Appl
C 54	11	100.0	18	16	US-10-323-032-4	Sequence 4, Appl
55	11	100.0	18	16	US-10-323-032-5	Sequence 5, Appl
56	11	100.0	18	16	US-10-330-872-6	Sequence 6, Appl
C 57	11	100.0	18	16	US-10-330-872-7	Sequence 7, Appl
C 58	11	100.0	18	16	US-10-232-927A-3	Sequence 3, Appl
59	11	100.0	18	16	US-10-232-927A-4	Sequence 4, Appl
60	11	100.0	18	16	US-10-232-927A-8	Sequence 8, Appl
C 61	11	100.0	18	16	US-10-232-927A-21	Sequence 21, Appl
C 62	11	100.0	18	16	US-10-232-927A-23	Sequence 23, Appl
63	11	100.0	18	16	US-10-232-927A-24	Sequence 24, Appl
64	11	100.0	18	16	US-10-232-927A-62	Sequence 62, Appl
65	11	100.0	18	16	US-10-232-927A-63	Sequence 63, Appl
66	11	100.0	18	16	US-10-349-507-41	Sequence 41, Appl
67	11	100.0	18	17	US-10-325-810-528	Sequence 528, App
68	11	100.0	18	17	US-10-325-810-529	Sequence 529, App
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70	11	100.0	18	17	US-10-463-076-7	Sequence 7, Appl
71	11	100.0	18	18	US-10-682-130-3	Sequence 3, Appl
C 72	11	100.0	18	18	US-10-691-633-4	Sequence 4, Appl
73	11	100.0	18	18	US-10-691-633-5	Sequence 5, Appl
74	11	100.0	18	18	US-10-877-124-528	Sequence 528, App
75	11	100.0	18	18	US-10-877-124-529	Sequence 529, App
76	11	100.0	18	18	US-10-877-124-621	Sequence 621, App
77	11	100.0	18	18	US-10-877-022-528	Sequence 528, App
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C 79	11	100.0	18	18	US-10-877-022-621	Sequence 621, App
80	11	100.0	18	18	US-10-489-839-3	Sequence 3, Appl
81	11	100.0	18	18	US-10-484-305-1	Sequence 1, Appl
82	11	100.0	18	19	US-10-877-146-528	Sequence 528, App
83	11	100.0	18	19	US-10-463-076-1	Sequence 529, App
84	11	100.0	18	19	US-10-877-146-529	Sequence 621, App

Sequence 7, Appl
Sequence 19, Appl
Sequence 6443, Ap
Sequence 16, Appl
Sequence 17, Appl
Sequence 40, Appl
Sequence 36, Appl
Sequence 37, Appl
Sequence 808, App
Sequence 853, App
Sequence 853, App
Sequence 824, App
Sequence 853, App
Sequence 13, Appl
Sequence 17, Appl
Sequence 25, Appl

85 11 100.0 18 19 US-10-967-755-7
86 11 100.0 19 9 US-09-817-387-19
c 87 11 100.0 19 17 US-10-349-143-6443
c 88 11 100.0 19 19 US-10-831-267-16
89 11 100.0 19 19 US-10-831-267-17
90 11 100.0 20 9 US-09-057-351-40
91 11 100.0 20 9 US-09-816-248-36
92 11 100.0 20 9 US-09-816-248-37
93 11 100.0 20 10 US-09-888-326-808
94 11 100.0 20 10 US-09-776-479-853
95 11 100.0 20 11 US-09-776-479-853
96 11 100.0 20 14 US-10-112-653-824
97 11 100.0 20 14 US-10-017-995-853
98 11 100.0 20 15 US-10-336-265-13
99 11 100.0 20 15 US-10-336-265-17
100 11 100.0 20 15 US-10-336-265-25

ALIGNMENTS

RESULT 1
US-09-057-351-2/c
; Sequence 2, Application US/09057351
; Patent No. US20010034439A1
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057.351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-057-351-2

Query Match 100.0%; Score 11; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 1

RESULT 2
US-09-835-370-63
; Sequence 63, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 63
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-63

Query Match 100.0%; Score 11; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 3
US-10-122-630-5
; Sequence 5, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilcrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-5

Query Match          100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 1 GTTAGGGTTAG 11

RESULT 4
US-10-122-630-9/c
; Sequence 9, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9

Query Match          100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 11 GTTAGGGTTAG 1

RESULT 5
US-10-122-633-5
; Sequence 5, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5

Query Match          100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 11 GTTAGGGTTAG 1

RESULT 6
US-10-122-633-9/c
; Sequence 9, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-9

Query Match          100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 11 GTTAGGGTTAG 1

RESULT 7
US-10-255-535-4
; Sequence 4, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in version 3.1
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; SEQ ID NO 4
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-4

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 8
US-10-255-535-14
; Sequence 14, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-14

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 9
US-10-359-935-2/c
; Sequence 2, Application US/10359935
; Publication No. US20030153076A1
; GENERAL INFORMATION:
; APPLICANT: Villegonteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/359,935
; FILING DATE: 07-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-359-935-2

Query Match 100.0%; Score 11; DB 16; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 1

RESULT 10
US-10-463-076-1
; Sequence 1, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis ar
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1

Query Match 100.0%; Score 11; DB 17; Length 11;


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Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 11
US-10-181-823-16
; Sequence 16, Application US/10181823
; Publication No. US20040126752A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G
; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei
; TITLE OF INVENTION: Synthesis and Use
; FILE REFERENCE: 049/002
; CURRENT APPLICATION NUMBER: US/10/181,823
; PRIOR FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: PCT/US01/01918
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-181-823-16

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 12
US-10-181-823-20
; Sequence 20, Application US/10181823
; Publication No. US20040126752A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G
; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei
; TITLE OF INVENTION: Synthesis and Use
; FILE REFERENCE: 049/002
; CURRENT APPLICATION NUMBER: US/10/181,823
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: PCT/US01/01918
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-181-823-20

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 13
US-10-181-823-20
; Sequence 20, Application US/10181823
; Publication No. US20040126752A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G
; TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei
; TITLE OF INVENTION: Synthesis and Use
; FILE REFERENCE: 049/002
; CURRENT APPLICATION NUMBER: US/10/181,823
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: PCT/US01/01918
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-181-823-20

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 14
US-10-831-266-1/c
; Sequence 1, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-266-1

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
US-10-831-266-1
; Sequence 1, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-266-1

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
```

```
US-10-863-999-63
; Sequence 63, Application US/10863999
; Publication No. US20040265885A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/10/863,999
; CURRENT FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US/09/835,370
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 63
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-10-863-999-63

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 14
US-10-831-266-1/c
; Sequence 1, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-266-1

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
US-10-831-266-1
; Sequence 1, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-266-1

Query Match 100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 15
```

US-10-831-267-1/c
; Sequence 1, Application US/10831367
; Publication No. US2005009177A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-2/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,267
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33146
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: telomerase RNA fragment
US-10-831-267-1

Query Match 100.0%; Score 11; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 11 GTTAGGGTTAG 1

RESULT 16
US-10-967-755-1
; Sequence 1, Application US/10967755
; Publication No. US20050049408A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/005C
; CURRENT APPLICATION NUMBER: US/10/967,755
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: US 10/463,076
; PRIOR FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-1

Query Match 100.0%; Score 11; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||

Db 1 GTTAGGGTTAG 11

RESULT 17
US-10-257-017B-305261
; Sequence 305261, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 305261
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021360
US-10-257-017B-305261

Query Match 100.0%; Score 11; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 1 GTTAGGGTTAG 11

RESULT 18
US-10-257-017B-334175/c
; Sequence 334175, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 334175
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0037989
US-10-257-017B-334175

Query Match 100.0%; Score 11; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 12 GTTAGGGTTAG 2

RESULT 19
US-09-893-252-4
; Sequence 4, Application US/09893252
; Publication No. US20030012755A1

; GENERAL INFORMATION:
; APPLICANT: Styczynski, Peter
; APPLICANT: Ahluwalia, Gurpreet S.
; TITLE OF INVENTION: REDUCTION OF HAIR GROWTH
; FILE REFERENCE: 00216-552001
; CURRENT APPLICATION NUMBER: US/09/893,252
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-893-252-4

Query Match 100.0%; Score 11; DB 10; Length 13;
Best Local Similarity 63.6%; Pred. No. 7.7e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:||||:|
Db 3 GUUAGGGUAG 13

RESULT 20
US-10-038-335-1
; Sequence 1, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR APPLICATION NUMBER: 09/299,058
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1995-06-12
; PRIOR APPLICATION NUMBER: PCT/US93/09297
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; PRIOR FILING DATE: 1992-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: No. US20030096776A1e1 sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-1

Query Match 100.0%; Score 11; DB 14; Length 13;
Best Local Similarity 63.6%; Pred. No. 7.7e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:||||:|
Db 3 GUUAGGGUAG 13

RESULT 21
US-10-038-335-2
; Sequence 2, Application US/10038335
; Publication No. US20030096776A1

; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR APPLICATION NUMBER: 09/299,058
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1995-06-12
; PRIOR APPLICATION NUMBER: PCT/US93/09297
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; PRIOR FILING DATE: 1992-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: No. US20030096776A1e1 sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-2

Query Match 100.0%; Score 11; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:||||:|
Db 3 GTTAGGGTTAG 13

RESULT 22
US-10-347-253-1
; Sequence 1, Application US/10347253
; Publication No. US20030175776A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi Software Engineering Co.,Ltd., Method For Hybridization
; TITLE OF INVENTION: Accelerator And Acceleration Method For Hybridization
; FILE REFERENCE: 13B051
; CURRENT APPLICATION NUMBER: US/10/347,253
; CURRENT FILING DATE: 2003-01-21
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-10-347-253-1

Query Match 100.0%; Score 11; DB 16; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|:||||:|
Db 1 GTTAGGGTTAG 11

RESULT 23
US-10-368-451-1
; Sequence 1, Application US/10368451

; Publication No. US20030186298A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi Software Engineering Co., Ltd.
; TITLE OF INVENTION: POLYMER CHIP AND METHOD FOR IDENTIFYING AN IONIC POLYMER
; FILE REFERENCE: PH-1700
; CURRENT APPLICATION NUMBER: US/10/368,451
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: JP 2002-090129
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial sequence synthesized by a sequencer by the inventors
US-10-368-451-1

Query Match 100.0%; Score 11; DB 16; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 1 GTTAGGGTTAG 11

RESULT 24
US-10-463-076-8
; Sequence 8, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-8

Query Match 100.0%; Score 11; DB 17; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 3 GTTAGGGTTAG 13

RESULT 25
US-10-257-017B-19897
; Sequence 19897, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19897
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004102
US-10-257-017B-19897

Query Match 100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 2 GTTAGGGTTAG 12

RESULT 26
US-10-257-017B-19898/c
; Sequence 19898, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19898
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004102
US-10-257-017B-19898

Query Match 100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
|||||
Db 12 GTTAGGGTTAG 2

RESULT 27
US-10-257-017B-102799
; Sequence 102799, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 102799
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025688
US-10-257-017B-102799

Query Match      100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
   |||||
DB 1 GTTAGGGTTAG 11

RESULT 28
US-10-257-017B-102800/c
; Sequence 102800, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 102800
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0025688
US-10-257-017B-102800

Query Match      100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
   |||||
DB 13 GTTAGGGTTAG 3

RESULT 29
US-10-967-755-8
; Sequence 8, Application US/10967755
; Publication No. US20050049408A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracy, Kriestina
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/005C
; CURRENT APPLICATION NUMBER: US/10/967,755
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: US 10/463,076
; PRIOR FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19

; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-8

Query Match      100.0%; Score 11; DB 19; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
   |||||
DB 3 GTTAGGGTTAG 13

RESULT 30
US-10-232-927A-20/c
; Sequence 20, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-232-927A-20
Query Match      100.0%; Score 11; DB 16; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
   |||||
Db 13 GTTAGGGTTAG 3

RESULT 31
US-10-333-152A-8
; Sequence 8, Application US/10333152A
; Publication No. US20040170980A1
; GENERAL INFORMATION:
; APPLICANT: SAITO, ISAO
; APPLICANT: NAKATANI, KAZUHIKO
; APPLICANT: SANDO, SHINSUKE
; TITLE OF INVENTION: MOLECULES CAPABLE OF BINDING TO TELOMERE AND THE LIKE
; TITLE OF INVENTION: AND METHOD WITH THE USE OF THE SAME
; FILE REFERENCE: 58449 (71526)
; CURRENT APPLICATION NUMBER: US/10/333,152A
; CURRENT FILING DATE: 2003-01-16
; PRIOR APPLICATION NUMBER: PCT/JP01/06150
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: JP 2000-216376
; PRIOR FILING DATE: 2000-07-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-333-152A-8
Query Match      100.0%; Score 11; DB 18; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
   |||||
Db 6 GTTAGGGTTAG 16

RESULT 32
US-10-780-464-2/c
; Sequence 2, Application US/10780464
; Publication No. US20040219634A1
; GENERAL INFORMATION:
; APPLICANT: Ishikawa, Fuyuki
; APPLICANT: Hasegawa, Mamoru
; TITLE OF INVENTION: Artificial Chromosome
; FILE REFERENCE: 50026/016002
; CURRENT APPLICATION NUMBER: US/10/780,464
; CURRENT FILING DATE: 2004-02-17
; PRIOR APPLICATION NUMBER: 09/254,947
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: PCT/JP97/03305
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: JP 8/246749
; PRIOR FILING DATE: 1996-09-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-267-22
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-780-464-2
Query Match      100.0%; Score 11; DB 18; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
   |||||
Db 14 GTTAGGGTTAG 4

RESULT 33
US-10-831-266-16/c
; Sequence 16, Application US/10831266
; Publication No. US20050003404A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-1/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,266
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33065
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-266-16
Query Match      100.0%; Score 11; DB 18; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
   |||||
Db 13 GTTAGGGTTAG 3

RESULT 34
US-10-831-267-22/c
; Sequence 22, Application US/10831267
; Publication No. US20050009177A1
; GENERAL INFORMATION:
; APPLICANT: Rowley, Peter T.
; TITLE OF INVENTION: TELOMERASE INTERFERENCE
; FILE REFERENCE: A-71506-2/RFT/THR
; CURRENT APPLICATION NUMBER: US/10/831,267
; CURRENT FILING DATE: 2004-04-22
; PRIOR APPLICATION NUMBER: PCT/US 02/33146
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: US 60/345,326
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/359,196
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/383,195
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-831-267-22
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Query Match 100.0%; Score 11; DB 19; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 13 GTTAGGGTTAG 3

RESULT 35
US-08-463-404-4/c
; Sequence 4, Application US/08463404
; Publication No. US20020127634A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,404
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-463-404-4

Query Match 100.0%; Score 11; DB 8; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 13 GTTAGGGTTAG 3

RESULT 36
US-08-463-404-5
; Sequence 5, Application US/08463404
; Publication No. US20020127634A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,404
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-463-404-5

Query Match 100.0%; Score 11; DB 8; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
DB 6 GTTAGGGTTAG 16

RESULT 37
US-03-057-351-26
; Sequence 26, Application US/09057351
; Patent No. US20010034439A1
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase

; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/POCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-057-351-26

Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 6 GTTAGGGTTAG 16

RESULT 38
US-09-947-659-1/c
; Sequence 1, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE REFERENCE: 13024.2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-1
Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 13 GTTAGGGTTAG 3

RESULT 39
US-09-947-659-2
; Sequence 2, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE REFERENCE: 13024.2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-2

Query Match 100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 6 GTTAGGGTTAG 16

RESULT 40
US-09-947-659-7
; Sequence 7, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE REFERENCE: 13024.2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA


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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-7

Query Match      100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 2 GTTAGGGTTAG 12

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Job time : 393.958 secs
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 43.3333 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-6

Perfect score: 5

Sequence: 1 catcac 5

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Issued Patents_NA.*

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3: /cgm2_6/ptodata/1/ina/6A_COMB.seq.*
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6: /cgm2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	5	100.0	5	3	US-08-855-372B-20
C 2	5	100.0	5	3	US-09-048-927-4
C 3	5	100.0	5	3	US-09-498-851-20
5	5	100.0	7	1	US-08-615-170-10
5	5	100.0	7	1	US-08-615-170-12
C 6	5	100.0	7	3	US-09-048-927-3
C 7	5	100.0	8	4	US-09-142-593-11
C 8	5	100.0	8	4	US-09-927-886-17
C 9	5	100.0	9	2	US-08-583-276-1
C 10	5	100.0	9	3	US-08-646-789A-8
C 11	5	100.0	9	3	US-08-646-789A-80
C 12	5	100.0	9	3	US-09-048-927-1
C 13	5	100.0	9	3	US-09-319-648-68
C 14	5	100.0	9	4	US-10-096-596-32
C 15	5	100.0	10	1	US-09-263-790-37
C 16	5	100.0	10	1	US-09-721-777-19
C 17	5	100.0	10	1	US-08-335-565A-27
C 18	5	100.0	10	1	US-08-250-951-1
C 19	5	100.0	10	1	US-08-232-233-1
C 20	5	100.0	10	1	US-08-223-177A-422
C 21	5	100.0	10	1	US-08-351-748-25
C 22	5	100.0	10	1	US-08-351-748-25
C 23	5	100.0	10	1	US-08-202-927-25
C 24	5	100.0	10	1	US-08-430-536A-23
C 25	5	100.0	10	1	US-08-430-536A-25
C 26	5	100.0	10	1	US-08-171-718-45
C 27	5	100.0	10	2	US-08-703-601-1
C 28	5	100.0	10	2	US-08-855-372B-20
C 29	5	100.0	10	2	US-09-048-927-4
C 30	5	100.0	10	3	US-09-498-851-20
C 31	5	100.0	7	1	US-08-615-170-10
C 32	5	100.0	7	1	US-08-615-170-12
C 33	5	100.0	7	3	US-09-048-927-3
C 34	5	100.0	8	4	US-09-142-593-11
C 35	5	100.0	8	4	US-09-927-886-17
C 36	5	100.0	9	2	US-08-583-276-1
C 37	5	100.0	9	3	US-08-646-789A-8
C 38	5	100.0	9	3	US-08-646-789A-80
C 39	5	100.0	9	3	US-09-048-927-1
C 40	5	100.0	9	3	US-09-319-648-68
C 41	5	100.0	9	4	US-10-096-596-32
C 42	5	100.0	10	1	US-09-263-790-37
C 43	5	100.0	10	1	US-09-721-777-19
C 44	5	100.0	10	1	US-08-335-565A-27
C 45	5	100.0	10	1	US-08-250-951-1
C 46	5	100.0	10	1	US-08-232-233-1
C 47	5	100.0	10	1	US-08-223-177A-422
C 48	5	100.0	10	1	US-08-351-748-25
C 49	5	100.0	10	1	US-08-351-748-25
C 50	5	100.0	10	1	US-08-202-927-25
C 51	5	100.0	10	1	US-08-430-536A-23
C 52	5	100.0	10	1	US-08-430-536A-25
C 53	5	100.0	10	1	US-08-171-718-45
C 54	5	100.0	10	2	US-08-703-601-1
C 55	5	100.0	10	2	US-08-855-372B-20
C 56	5	100.0	10	2	US-09-048-927-4
C 57	5	100.0	10	3	US-09-498-851-20
C 58	5	100.0	7	1	US-08-615-170-10
C 59	5	100.0	7	1	US-08-615-170-12
C 60	5	100.0	7	3	US-09-048-927-3
C 61	5	100.0	8	4	US-09-142-593-11
C 62	5	100.0	8	4	US-09-927-886-17
C 63	5	100.0	9	2	US-08-583-276-1
C 64	5	100.0	9	3	US-08-646-789A-8
C 65	5	100.0	9	3	US-08-646-789A-80
C 66	5	100.0	9	3	US-09-048-927-1
C 67	5	100.0	9	3	US-09-319-648-68
C 68	5	100.0	9	4	US-10-096-596-32
C 69	5	100.0	10	1	US-09-263-790-37
C 70	5	100.0	10	1	US-09-721-777-19
C 71	5	100.0	10	1	US-08-335-565A-27
C 72	5	100.0	10	1	US-08-250-951-1
C 73	5	100.0	10	1	US-08-232-233-1
C 74	5	100.0	10	1	US-08-223-177A-422
C 75	5	100.0	10	1	US-08-351-748-25
C 76	5	100.0	10	1	US-08-351-748-25
C 77	5	100.0	10	1	US-08-202-927-25
C 78	5	100.0	10	1	US-08-430-536A-23
C 79	5	100.0	10	1	US-08-430-536A-25
C 80	5	100.0	10	1	US-08-171-718-45
C 81	5	100.0	10	2	US-08-703-601-1
C 82	5	100.0	10	2	US-08-855-372B-20
C 83	5	100.0	10	2	US-09-048-927-4
C 84	5	100.0	10	3	US-09-498-851-20
C 85	5	100.0	7	1	US-08-615-170-10
C 86	5	100.0	7	1	US-08-615-170-12
C 87	5	100.0	7	3	US-09-048-927-3
C 88	5	100.0	8	4	US-09-142-593-11
C 89	5	100.0	8	4	US-09-927-886-17
C 90	5	100.0	9	2	US-08-583-276-1
C 91	5	100.0	9	3	US-08-646-789A-8
C 92	5	100.0	9	3	US-08-646-789A-80
C 93	5	100.0	9	3	US-09-048-927-1
C 94	5	100.0	9	3	US-09-319-648-68
C 95	5	100.0	9	4	US-10-096-596-32
C 96	5	100.0	10	1	US-09-263-790-37
C 97	5	100.0	10	1	US-09-721-777-19
C 98	5	100.0	10	1	US-08-335-565A-27
C 99	5	100.0	10	1	US-08-250-951-1
C 100	5	100.0	10	1	US-08-232-233-1

Sequence 23, Appl
Sequence 25, Appl
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Sequence 174, Appl
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Sequence 45, Appl
Sequence 24, Appl
Sequence 33, Appl
Sequence 31, Appl
Sequence 30, Appl
Sequence 31, Appl
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Sequence 11, Appl
Sequence 12, Appl
Sequence 16, Appl
Sequence 31, Appl
Sequence 43, Appl
Sequence 16, Appl
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Sequence 17, Appl
Sequence 25, Appl
Sequence 30, Appl
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Sequence 19, Appl
Sequence 4, Appl
Sequence 6, Appl
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Sequence 82, Appl
Sequence 151, Appl
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Sequence 9, Appl
Sequence 4, Appl
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Sequence 34, Appl
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Sequence 8, Appl
Sequence 18, Appl
Sequence 5, Appl
Sequence 7, Appl
Sequence 9, Appl
Sequence 9, Appl
Sequence 3, Appl
Sequence 18, Appl
Sequence 21, Appl
Sequence 5, Appl
Sequence 59, Appl

ALIGNMENTS

RESULT 1

US-08-855-372B-20/c
; Sequence 20, Application US/08855372B
; Patent No. 6090549
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESS: CHERSKOV & FLAYNIK
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855.372B
; FILING DATE: 13-MAY-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6090549 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 5 CATAC 1

RESULT 2

US-09-048-927-4/c
; Sequence 4, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-69A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26

; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-4

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 3e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 5 CATAC 1

RESULT 3

US-09-498-851-20/c
; Sequence 20, Application US/09498851
; Patent No. 6440671
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubiley, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESS: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/498,851
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/855,372
; FILING DATE: 13-MAY-97
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6440671 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-09-498-851-20

Query Match 100.0%; Score 5; DB 3; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 5 CATAC 1

RESULT 4
 US-08-615-170-10
 ; Sequence 10, Application US/08615170
 ; Patent No. 5776776
 ; GENERAL INFORMATION:
 ; APPLICANT: ORDAHL, Charles P.
 ; APPLICANT: AZAKIE, Anthony
 ; APPLICANT: MAR, Janet H.
 ; APPLICANT: FARRANCE, Iain K.G.
 ; APPLICANT: HALL, Deborah E.
 ; APPLICANT: STEWART, Alexandre F.R.
 ; APPLICANT: LARKIN, Sarah B.
 ; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Khourie and Crew
 ; STREET: Steuart Street Tower, One Market Plaza
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94105-1493
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/615,170
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/01526
 ; FILING DATE: 06-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/191,493
 ; FILING DATE: 04-FEB-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Heslin, James M.
 ; REGISTRATION NUMBER: 29,541
 ; REFERENCE/DOCKET NUMBER: 2307U-053120
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 326-2400
 ; TELEFAX: (415) 326-2422
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1..7
 ; OTHER INFORMATION: /standard name= "Sph-II binding
 ; OTHER INFORMATION: site in SV40"
 US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.1e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Query Match 100.0%; Score 5; DB 3; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 5 CATAC 1

RESULT 5
 US-08-615-170-12
 ; Sequence 12, Application US/08615170
 ; Patent No. 5776776
 ; GENERAL INFORMATION:
 ; APPLICANT: ORDAHL, Charles P.
 ; APPLICANT: AZAKIE, Anthony
 ; APPLICANT: MAR, Janet H.
 ; APPLICANT: FARRANCE, Iain K.G.
 ; APPLICANT: HALL, Deborah E.
 ; APPLICANT: STEWART, Alexandre F.R.
 ; APPLICANT: LARKIN, Sarah B.
 ; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Khourie and Crew
 ; STREET: Steuart Street Tower, One Market Plaza
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94105-1493
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/615,170
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/01526
 ; FILING DATE: 06-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/191,493
 ; FILING DATE: 04-FEB-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Heslin, James M.
 ; REGISTRATION NUMBER: 29,541
 ; REFERENCE/DOCKET NUMBER: 2307U-053120
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 326-2400
 ; TELEFAX: (415) 326-2422
 ; INFORMATION FOR SEQ ID NO: 12:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1..7
 ; OTHER INFORMATION: /standard name= "Rat beta-Myosin
 ; OTHER INFORMATION: Heavy Chain M-CAT binding element"
 US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.1e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 1 CATAC 5

RESULT 6

US-09-048-927-3/c
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match 100.0%; Score 5; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 7
US-09-142-593-11
; Sequence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESS: MUEITING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,664
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.

; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 8
US-09-927-886-17
; Sequence 17, Application US/09927886
; Patent No. 6613752
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; Sleeping Beauty Transposon System
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 9
US-08-583-276-1/c
; Sequence 1, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; MULTIDRUG RESISTANCE GENES AND IMPROVED
; SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart

STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 bases
TYPE: nucleic acid
STRANDEDNESS: singular
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: Genomic DNA
US-08-583-276-1

Query Match 100.0%; Score 5; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 10
US-08-646-789A-8/c
Sequence 8, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Feyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Lealie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-646-789A-8
Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 11
US-08-646-789A-80/c
Sequence 80, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Feyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Lealie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-646-789A-80

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 12
US-09-048-927-1/c
Sequence 1, Application US/09048927
Patent No. 6147056
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark

;; TITLE OF INVENTION: Use of Locally Applied DNA Fragments

;; FILE REFERENCE: BU94-68A2
;; CURRENT APPLICATION NUMBER: US/09/048,927
;; CURRENT FILING DATE: 1998-03-26
;; EARLIER APPLICATION NUMBER: 08/952,697
;; EARLIER FILING DATE: 1996-06-03
;; EARLIER APPLICATION NUMBER: 08/467,012
;; EARLIER FILING DATE: 1995-06-06
;; NUMBER OF SEQ ID NOS: 4
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 1
;; LENGTH: 9
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 7 CATAC 3

RESULT 13

US-09-319-648-68
;; Sequence 68, Application US/09319648
;; Patent No. 6451530
;; GENERAL INFORMATION:
;; APPLICANT: Hawkins, Mary
;; TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
;; FORMATION for Detection of Nucleic Acid Hybridization
;; NUMBER OF SEQUENCES: 68
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Townsend and Townsend and Crew LLP
;; STREET: Two Embarcadero Center, Eighth Floor
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94111-3834
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/319,648
;; FILING DATE: 30-Jul-1999
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/032,844
;; FILING DATE: 13-DEC-1996
;; APPLICATION NUMBER: WO PCT/US97/22448
;; FILING DATE: 10-DEC-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Fang, Carol
;; REGISTRATION NUMBER: 48,631
;; REFERENCE/DOCKET NUMBER: 015280-288100US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 576-0200
;; TELEFAX: (415) 576-0300
;; INFORMATION FOR SEQ ID NO: 68:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; SEQUENCE DESCRIPTION: SEQ ID NO: 68:

US-09-319-648-68

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 3 CATAC 7

RESULT 14

US-10-096-596-32
;; Sequence 32, Application US/10096596
;; Patent No. 6746845
;; GENERAL INFORMATION:
;; APPLICANT: Kinzler, Kenneth W
;; APPLICANT: Vogelstein, Bert
;; APPLICANT: Velculescu, Victor
;; APPLICANT: Zhang, Lin
;; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
;; FILE REFERENCE: 001107.00242
;; CURRENT APPLICATION NUMBER: US/10/096,596
;; CURRENT FILING DATE: 2002-03-14
;; PRIOR APPLICATION NUMBER: US 08/527,154
;; PRIOR FILING DATE: 1995-09-12
;; PRIOR APPLICATION NUMBER: US 08/544,861
;; PRIOR FILING DATE: 1995-10-18
;; PRIOR APPLICATION NUMBER: US 09/107,228
;; PRIOR FILING DATE: 1998-06-30
;; NUMBER OF SEQ ID NOS: 41
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 32
;; LENGTH: 9
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match 100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 3 CATAC 7

RESULT 15

US-09-263-790-37/C
;; Sequence 37, Application US/09263790
;; Patent No. PPI2997
;; GENERAL INFORMATION:
;; APPLICANT: Nixtal Kumar PATRA et al.
;; TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS
;; FILE REFERENCE: 2761-0120P
;; CURRENT APPLICATION NUMBER: US/09/263,790
;; CURRENT FILING DATE: 1999-03-05
;; NUMBER OF SEQ ID NOS: 38
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 37
;; LENGTH: 10
;; TYPE: DNA
;; ORGANISM: Artificial
;; FEATURE:
;; OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles of the
;; OTHER INFORMATION: plant Jal Pallavi
US-09-263-790-37

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |

Db 9 CATAC 5

US-09-721-777-19/c

RESULT 16

Sequence 19, Application US/09721777

Patent No. PPI3279

GENERAL INFORMATION:

APPLICANT: Khanuja, Suman Preet Singh

APPLICANT: Kumar, Sushil

APPLICANT: Shasany, Ajit Kumar

APPLICANT: Dhawan, Sunita

APPLICANT: Darokar, Mahendra Pandurang

APPLICANT: Nagvi, Ali Arif

APPLICANT: Dhawan, Om Parkash

APPLICANT: Singh, Anil Kumar

APPLICANT: Patra, Nirmal Kumar

APPLICANT: Bahl, Janak Raj

APPLICANT: Bansal, Ram Prakash

TITLE OF INVENTION: Mint Plant Named Saksham

FILE REFERENCE: 033166-002

CURRENT APPLICATION NUMBER: US/09/721,777

CURRENT FILING DATE: 2000-11-27

NUMBER OF SEQ ID NOS: 20

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 19

LENGTH: 10

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: OPT primer

US-09-721-777-19

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 9 CATAC 5

US-08-335-565A-27/c

RESULT 17

Sequence 27, Application US/08335565A

Patent No. 5527671

GENERAL INFORMATION:

APPLICANT: Li, Kening

APPLICANT: Rouse, Douglas I.

APPLICANT: German, Thomas L.

TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Quarles and Brady

STREET: 1 South Plinckney St., PO BOX 2113

CITY: Madison

STATE: WI

COUNTRY: USA

ZIP: 53701-2113

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/08/335,565A

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/790,262

FILING DATE: 07-NOV-1991

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: HEL0002P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-792-3680

TELEFAX: 619-792-8477

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

FEATURE:

NAME/KEY: misc_feature

LOCATION: 10

OTHER INFORMATION: /note= "Donor chromophore at the 3'

OTHER INFORMATION: T nucleotide"

US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-335-565A-27

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-250-951-1

RESULT 18

Sequence 1, Application US/08250951

Patent No. 5532129

GENERAL INFORMATION:

APPLICANT: Heller, Michael J

TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC

TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING

TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bingham & Fitting

STREET: 12526 High Bluff Drive, Suite 300

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92130

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/08/250,951

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/790,262

FILING DATE: 07-NOV-1991

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: HEL0002P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-792-3680

TELEFAX: 619-792-8477

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

FEATURE:

NAME/KEY: misc_feature

LOCATION: 10

OTHER INFORMATION: /note= "Donor chromophore at the 3'

OTHER INFORMATION: T nucleotide"

US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-335-565A-27

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-250-951-1

RESULT 18

Sequence 1, Application US/08250951

Patent No. 5532129

GENERAL INFORMATION:

APPLICANT: Heller, Michael J

TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC

TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING

TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE

NUMBER OF SEQUENCES: 10

CORRESPONDENCE ADDRESS:

ADDRESSEE: Bingham & Fitting

STREET: 12526 High Bluff Drive, Suite 300

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92130

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/08/250,951

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/790,262

FILING DATE: 07-NOV-1991

ATTORNEY/AGENT INFORMATION:

NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: HEL0002P

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-792-3680

TELEFAX: 619-792-8477

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

FEATURE:

NAME/KEY: misc_feature

LOCATION: 10

OTHER INFORMATION: /note= "Donor chromophore at the 3'

OTHER INFORMATION: T nucleotide"

US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-335-565A-27

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

US-08-250-951-1

```
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 4 CATAC 8

RESULT 19
US-08-232-233-1
; Sequence 1, Application US/08232233
; Patent No. 5565322
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: STRUCTURIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-
; TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,233
; FILING DATE: May 4, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/790,262
; FILING DATE: No. 5565322ember 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note="Donor chromophore at the 3' T nucleotide"
;
US-08-232-233-1
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 4 CATAC 8

RESULT 20
US-08-222-177A-422
; Sequence 422, Application US/08222177A
; Patent No. 5582979
```

```
GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 422:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-08-222-177A-422
Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 4 CATAC 8

RESULT 21
US-08-351-748-23/c
; Sequence 23, Application US/08351748
; Patent No. 5599672
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Fardee, Arthur B.
; APPLICANT: Bianchi, Cesario F.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/351,748
;; FILING DATE: 11-MAR-1993
;; CLASSIFICATION: 435
;; PRIOR APPLICATION NUMBER: US 08/033,084
;; FILING DATE: 11-MAR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kaplan Esq., Warren A.
;; REGISTRATION NUMBER: 34,199
;; REFERENCE/DOCKET NUMBER: 181411-008
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-5000
;; TELEFAX: (617) 248-4000
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-351-748-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
DB 5 CATAC 1

RESULT 22
US-08-351-748-25/c
; Sequence 25, Application US/08351748
; Patent No. 5599672

;; GENERAL INFORMATION:
;; APPLICANT: Liang, Peng
;; APPLICANT: Pardee, Arthur B.
;; APPLICANT: Bianchi, Cesarino F.
;; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
;; TITLE OF INVENTION: MESSENGER RNAs
;; NUMBER OF SEQUENCES: 27
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: CHOATE, HALL & STEWART
;; STREET: 53 State Street
;; CITY: Boston
;; STATE: MA
;; COUNTRY: USA
;; ZIP: 02109-2891
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/351,748
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/033,084
;; FILING DATE: 11-MAR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Kaplan Esq., Warren A.
;; REGISTRATION NUMBER: 34,199
;; REFERENCE/DOCKET NUMBER: 181411-008
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-5000
;; TELEFAX: (617) 248-4000
;; INFORMATION FOR SEQ ID NO: 25:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
US-08-351-748-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
DB 5 CATAC 1

RESULT 23
US-08-202-927-25
; Sequence 25, Application US/08202927
; Patent No. 5646126

;; GENERAL INFORMATION:
;; APPLICANT: Cheng, Yung-chi
;; APPLICANT: Lukhtanov, Eugeny A.
;; APPLICANT: Meyer Jr., Rich B.
;; APPLICANT: Pai, Balakrishna S.
;; APPLICANT: Reed, Michael W.
;; APPLICANT: Zhou, James H.
;; TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having
;; TITLE OF INVENTION: Anticancer Activity
;; NUMBER OF SEQUENCES: 70
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Klein & Szekeres
;; STREET: 4199 Campus Drive, Suite 700
;; CITY: Irvine
;; STATE: CA
;; COUNTRY: U.S.A.
;; ZIP: 92715

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/202,927
;; FILING DATE: 28-FEB-1994
;; CLASSIFICATION: 536
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Szekeres, Gabor L.
;; REGISTRATION NUMBER: 28,675
;; REFERENCE/DOCKET NUMBER: 491-07-PA
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (714) 854-5502
;; TELEFAX: (714) 854-4897

;; INFORMATION FOR SEQ ID NO: 25:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: modified_base
;; LOCATION: 10
;; OTHER INFORMATION: /mod_base= OTHER
;; OTHER INFORMATION: /note= "Nucleotide 10 has a tail which comprises
;; OTHER INFORMATION: a cholesterol moiety which has its A ring linked to
;; OTHER INFORMATION: the 3'-phosphate through a carbonyl group attached
;; OTHER INFORMATION: to the ring nitrogen of a moiety derived from
;; OTHER INFORMATION: 4-hydroxy-2-hydroxymethylpyrrolidine (see
;; OTHER INFORMATION: formula 3)."
US-08-202-927-25

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 1 CATAC 5

RESULT 24
US-08-430-536A-23/c
; Sequence 23, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/430,536A
; FILING DATE: 25-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Herschbach Ph.D., Brenda M.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 181411-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-430-536A-23

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 5 CATAC 1

RESULT 25
US-08-430-536A-25/c
; Sequence 25, Application US/08430536A
; Patent No. 5665547
; GENERAL INFORMATION:
; APPLICANT: Liang, Peng
; APPLICANT: Pardee, Arthur B.
; TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
; TITLE OF INVENTION: MESSENGER RNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
| | | | |
Db 5 CATAC 1

RESULT 26
US-08-171-718-45/c
; Sequence 45, Application US/08171718
; Patent No. 5707863
; GENERAL INFORMATION:
; APPLICANT: Trofatter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Gussella, James F.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/171,718
; FILING DATE: 22-DEC-1993
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063

```
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-171-718-45

Query Match 100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 27
US-08-703-601-1
; Sequence 1, Application US/08703601
; Patent No. 5849489
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/703,601
; FILING DATE: August 23, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/232,233
; FILING DATE: May 5, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John
; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromophore at the 3' T
; OTHER INFORMATION: nucleotide"
US-08-703-601-1

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 4 CATAC 8

RESULT 28
US-08-684-547-23/c
; Sequence 23, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
; APPLICANT: Pardee Ph.D., Arthur B.
; APPLICANT: Liang Ph.D., Peng
; TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
; TITLE OF INVENTION: OF mRNAs
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,547
; FILING DATE: 19-JUL-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0181411-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-684-547-23

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 29
US-08-684-547-25/c
; Sequence 25, Application US/08684547
; Patent No. 5965409
; GENERAL INFORMATION:
```

APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph.D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
TITLE OF INVENTION: OF MRNAs
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: CHOATE, HALL & STEWART
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0181411-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 30
US-08-469-318-174/c
Sequence 174, Application US/08469318
Patent No. 6022535
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Fusion
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 196
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,318
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,972
FILING DATE:
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-469-318-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 10 CATAC 6

RESULT 31
US-08-468-609A-174/c
Sequence 174, Application US/08468609A
Patent No. 6030812
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
APPLICANT: Bauer, S. C.
APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Mair H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Oline, Peter O.
APPLICANT: Paik, Kuman
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Interleukin-3 (IL-3)
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,609A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 737-6986
TELEFAX: (314) 737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-468-609A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5

Db 10 CATAC 6

RESULT 32
US-08-478-087-45/c
; Sequence 45, Application US/08478087
; Patent No. 6077685
; GENERAL INFORMATION:
; APPLICANT: Trofetter, James A.
; APPLICANT: MacCollin, Mia M.
; APPLICANT: Guseilla, James P.
; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,087
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-478-087-45

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 5 CATAC 1

RESULT 33
US-09-063-450-24
; Sequence 24, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying

; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 34
US-09-063-450-33/c
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063,450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 7 CATAC 3

RESULT 35
US-09-123-638-1
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
; TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
; TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF
; TITLE OF INVENTION: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,638
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/703,601
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note="Donor chromophore at the 3' T
US-09-123-638-1

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACATC 5
Db 4 CACATC 8

RESULT 36
US-08-646-695-30/c
; Sequence 30, Application US/08646695
; Patent No. 6168943
; GENERAL INFORMATION:
; APPLICANT: Rose, John K.
; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: On Even Date Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie

REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: RNA
FEATURE:
NAME/KEY: polyA
LOCATION: 10
US-08-646-695-30

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACATC 5
Db 10 CACATC 6

RESULT 37
US-08-875-533-31/c
; Sequence 31, Application US/08875533
; Patent No. 6254870
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: No. 6254870el c-MPL Ligands
; NUMBER OF SEQUENCES: 73
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,533
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/383,035
; FILING DATE: 04-FEB-1995
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-875-533-31

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACATC 5
Db 5 CACATC 1

RESULT 38
US-08-446-872A-174/c
; Sequence 174, Application US/08446872A
; Patent No. 6361977
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; ATTORNEY: Bauer, S. C.

APPLICANT: Braford-Goldberg, Sarah R.
APPLICANT: Caparon, Mairé H.
APPLICANT: Easton, Alan M.
APPLICANT: Klein, Barbara K.
APPLICANT: McKearn, John P.
APPLICANT: Olines, Peter O.
APPLICANT: Paik, Kuman
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
TITLE OF INVENTION: Fusion Protein
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,872A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 737-6986
TELEFAX: (314) 737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-446-872A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 10 CATAC 6

RESULT 39
US-09-724-753-1
Sequence 1, Application US/09724753
Patent No. 6416953
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/724,753
FILING DATE: 28-NO. 6416953-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/123,638
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note="Donor chromophore at the 3' T
nucleotide"
US-09-724-753-1

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 4 CATAC 8

RESULT 40
US-08-762-227A-174/c
Sequence 174, Application US/08762227A
Patent No. 6436387
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Braford-Goldberg, Sarah R.
Caparon, Mairé H.
Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Olines, Peter O.
Paik, Kuman
Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
STREET: P. O. Box 5110
CITY: Chicago
STATE: Illinois
COUNTRY: USA

;;
;; ZIP: 60680
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/762,227A
;; FILING DATE: 09-Dec-1996
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/192,325
;; FILING DATE: 14-FEB-1994
;; APPLICATION NUMBER: US 08/446,872
;; FILING DATE: 06-JUN-1995
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Bennett, Dennis A.
;; REGISTRATION NUMBER: 34,547
;; REFERENCE/DOCKET NUMBER: C-2790/5
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (708)470-6501
;; TELEFAX: (708)470-6881
;;
;; INFORMATION FOR SEQ ID NO: 174:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 10 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
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;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "synthetic DNA"
;; SEQUENCE DESCRIPTION: SEQ ID NO: 174:
US-08-762-227A-174

Query Match 100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 10 CATAC 6

Search completed: March 22, 2005, 10:49:14
Job time : 43.3333 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 177.708 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-6

Perfect score: 5

Sequence: 1 catcac 5

Scoring table:

IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqs, 2976611598 residues

Total number of hits satisfying chosen parameters: 5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	5	100.0	5	14	US-10-122-633-6
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C 6	5	100.0	7	13	US-10-027-632-178043
C 7	5	100.0	7	14	US-10-122-630-7
C 8	5	100.0	7	14	US-10-122-630-3
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C 10	5	100.0	7	14	US-10-122-633-7
C 11	5	100.0	7	17	US-10-027-632-178029
C 12	5	100.0	5	14	US-10-122-630-4
C 13	5	100.0	5	14	US-10-122-630-6
C 14	5	100.0	5	14	US-10-122-633-4
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C 18	5	100.0	7	14	US-10-122-630-7
C 19	5	100.0	7	14	US-10-122-630-3
C 20	5	100.0	7	14	US-10-122-633-3
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C 22	5	100.0	7	17	US-10-027-632-178029
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Sequence 5, Appl
Sequence 17, Appl
Sequence 3, Appl
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Sequence 623, Appl
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Sequence 3, Appl
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Sequence 766, Appl
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Sequence 979, Appl
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Sequence 1052, Appl
Sequence 1053, Appl
Sequence 1134, Appl
Sequence 1255, Appl
Sequence 1423, Appl
Sequence 1551, Appl
Sequence 1566, Appl
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ALIGNMENTS

RESULT 1

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US-10-122-630-4/c
; Sequence 4, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-4

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Query Match      100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 CATAC 5
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DB      5 CATAC 1

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RESULT 2

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US-10-122-630-6
; Sequence 6, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides

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; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6

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Query Match      100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 CATAC 5
      |||||
DB      1 CATAC 5

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RESULT 3

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US-10-122-633-4/c
; Sequence 4, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-4

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Query Match      100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
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DB      5 CATAC 1

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RESULT 4

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US-10-122-633-6
; Sequence 6, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:

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APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
FILE REFERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 5
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.1e+09; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 5
US-10-027-632-178029
Sequence 178029, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 178029
LENGTH: 7
TYPE: DNA
ORGANISM: Human
US-10-027-632-178029

Query Match 100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 6
US-10-027-632-178043
Sequence 178043, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 178043
LENGTH: 7
TYPE: DNA
ORGANISM: Human
US-10-027-632-178043

Query Match 100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 1 CATAC 5

RESULT 7
US-10-122-630-3/c
Sequence 3, Application US/10122630
Publication No. US20030032610A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
FILE REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR FILING DATE: 1996-06-03
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 7
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-630-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|
|
|
|
Db 6 CATAC 2

RESULT 8

US-10-122-630-7/c
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|
|
|
|
Db 6 CATAC 2

RESULT 9

US-10-122-633-3/c
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

; LENGTH: 7
; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-633-3

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|
|
|
|
Db 6 CATAC 2

RESULT 10

US-10-122-633-7/c
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 5; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
|
|
|
|
Db 6 CATAC 2

RESULT 11

US-10-027-632-178029
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23

; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 178029
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-178029

Query Match 100.0%; Score 5; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 1 CATAC 5

RESULT 12
 US-10-027-632-178043
 ; Sequence 178043, Application US/10027632
 ; Publication No. US20030204075A9

; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 178043
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-178043

Query Match 100.0%; Score 5; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 1 CATAC 5

RESULT 13
 US-09-142-593-11
 ; Sequence 11, Application US/09142593
 ; Patent No. US20020016975A1
 ; GENERAL INFORMATION:

; APPLICANT: HACKETT ET AL.
 ; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
 ; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
 ; STREET: 119 NORTH FOURTH STREET, SUITE 203
 ; CITY: MINNEAPOLIS
 ; STATE: MINNESOTA
 ; COUNTRY: USA
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/142,593
 ; FILING DATE: 10-SEP-1998
 ; CLASSIFICATION:
 ; PRIOR APPLICATION NUMBER: 60/040,664
 ; FILING DATE: 11-MAR-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/053,868
 ; FILING DATE: 28-JUL-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/065,303
 ; FILING DATE: 13-NOV-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US98/04687
 ; FILING DATE: 11-MAR-1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: SANDBERG, VICTORIA A.
 ; REGISTRATION NUMBER: 41,287
 ; REFERENCE/DOCKET NUMBER: 110.00450101
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-305-1226
 ; TELEFAX: 612-305-1228
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 8 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 US-09-142-593-11

Query Match 100.0%; Score 5; DB 9; Length 8;
 Best Local Similarity 100.0%; Pred. No. 7.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 2 CATAC 6

RESULT 14

US-09-927-886-17
 ; Sequence 17, Application US/09927886
 ; Patent No. US20020103152A1
 ; GENERAL INFORMATION:

; APPLICANT: Kay, Mark A.
 ; APPLICANT: Yant, Stephen
 ; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
 ; FILE REFERENCE: STAN-160CIP
 ; CURRENT APPLICATION NUMBER: US/09/927,886
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: 60/162,279
 ; PRIOR FILING DATE: 1999-10-28
 ; PRIOR APPLICATION NUMBER: 09/440,301
 ; PRIOR FILING DATE: 1999-11-17
 ; NUMBER OF SEQ ID NOS: 19
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 17
 ; LENGTH: 8
 ; TYPE: DNA

RESULT 18
US-10-191-698-11
; Sequence 11, Application US/10191698
; Publication No. US20030154500A1
; GENERAL INFORMATION:
; APPLICANT: Hackett, P. B.
; APPLICANT: Clark, Karl J.
; APPLICANT: Ivics, Zoltan
; APPLICANT: Izsvak, Zsuzsanna
; APPLICANT: Scott C. Fahrrenkrug
; TITLE OF INVENTION: NUCLEIC ACID TRANSFER VECTOR FOR THE INTRODUCTION OF
; FILE REFERENCE: 110.00870102
; CURRENT APPLICATION NUMBER: US/10/191,698
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: A portion of a
; OTHER INFORMATION: direct repeat sequence
US-10-191-698-11

Query Match 100.0%; Score 5; DB 16; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6
|||||

RESULT 19
US-10-314-578-1138/c
; Sequence 1138, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1138
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1138

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 7 CATAC 3
|||||

RESULT 20

US-10-332-914-5/c
; Sequence 5, Application US/10332914
; Publication No. US20040025200A1
; GENERAL INFORMATION:
; APPLICANT: Unicrop Ltd
; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its
; FILE REFERENCE: A0420PC-
; CURRENT APPLICATION NUMBER: US/10/332,914
; CURRENT FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: US 09/617,543
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: PCT/FI01/00670
; PRIOR FILING DATE: 2001-07-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 8
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: -
; FEATURE:
; OTHER INFORMATION: 5' exon/intron boundary site
US-10-332-914-5

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 7 CATAC 3
|||||

RESULT 21
US-10-608-516-17
; Sequence 17, Application US/10608516
; Publication No. US20040092471A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/10/608,516
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: US/09/927,886
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-10-608-516-17

Query Match 100.0%; Score 5; DB 17; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6
|||||

RESULT 22

US-10-742-740-3
 ; Sequence 3, Application US/10742740
 ; Publication No. US20040234504A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VERMA, Indar M.
 ; APPLICANT: TISCORNIA, Gustavo
 ; APPLICANT: SINGER, Oded
 ; TITLE OF INVENTION: METHODS OF INHIBITING GENE EXPRESSION BY
 ; FILE OF INVENTION: RNA INTERFERENCE
 ; FILE REFERENCE: 66671-086
 ; CURRENT APPLICATION NUMBER: US/10/742,740
 ; CURRENT FILING DATE: 2003-12-18
 ; PRIOR APPLICATION NUMBER: 60/434,523
 ; PRIOR FILING DATE: 2002-12-18
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 8
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-10-742-740-3

Query Match 100.0%; Score 5; DB 18; Length 8;
 Best Local Similarity 100.0%; Pred. No. 7.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 2 CATAC 6

RESULT 23
 US-10-861-108-9
 ; Sequence 9, Application US/10861108
 ; Publication No. US2005003542A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kay, Mark A.
 ; APPLICANT: Yant, Stephen
 ; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon
 ; FILE OF INVENTION: System and Methods for Using the Same
 ; FILE REFERENCE: STAN-307
 ; CURRENT APPLICATION NUMBER: US/10/861,108
 ; CURRENT FILING DATE: 2004-06-03
 ; PRIOR APPLICATION NUMBER: 60/476,266
 ; PRIOR FILING DATE: 2003-06-04
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 9
 ; LENGTH: 8
 ; TYPE: DNA
 ; ORGANISM: salmonid
 US-10-861-108-9

Query Match 100.0%; Score 5; DB 18; Length 8;
 Best Local Similarity 100.0%; Pred. No. 7.2e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 2 CATAC 6

RESULT 24
 US-09-990-186-623
 ; Sequence 623, Application US/09990186
 ; Publication No. US20030068675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LIU, Qiang
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
 ; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
 ; FILE REFERENCE: 8325-0011.21 / S11-US3

; CURRENT APPLICATION NUMBER: US/09/990,186
 ; CURRENT FILING DATE: 2001-11-20
 ; NUMBER OF SEQ ID NOS: 4085
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 623
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: example target
 ; OTHER INFORMATION: DNA
 US-09-990-186-623

Query Match 100.0%; Score 5; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 2 CATAC 6

RESULT 25
 US-09-990-186-2220/c
 ; Sequence 2220, Application US/09990186
 ; Publication No. US20030068675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LIU, Qiang
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
 ; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
 ; FILE REFERENCE: 8325-0011.21 / S11-US3
 ; CURRENT APPLICATION NUMBER: US/09/990,186
 ; CURRENT FILING DATE: 2001-11-20
 ; NUMBER OF SEQ ID NOS: 4085
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2220
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: example target
 ; OTHER INFORMATION: DNA
 US-09-990-186-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
 Db 8 CATAC 4

RESULT 26
 US-09-990-186-2256/c
 ; Sequence 2256, Application US/09990186
 ; Publication No. US20030068675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: LIU, Qiang
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
 ; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
 ; FILE REFERENCE: 8325-0011.21 / S11-US3
 ; CURRENT APPLICATION NUMBER: US/09/990,186
 ; CURRENT FILING DATE: 2001-11-20
 ; NUMBER OF SEQ ID NOS: 4085
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2256
 ; LENGTH: 9
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: example target
 ; OTHER INFORMATION: DNA

US-09-990-186-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 27

US-09-989-994-623
; Sequence 623, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-623

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 2 CATAC 6

RESULT 28

US-09-989-994-2220/c
; Sequence 2220, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2220

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 29

US-09-989-994-2256/c
; Sequence 2256, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2256
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2256

Query Match 100.0%; Score 5; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 8 CATAC 4

RESULT 30

US-10-122-630-1/c
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilcrest, Barbara A.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/049,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 7 CATAC 3

RESULT 31

US-10-122-633-1/c
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 7 CATAC 3

RESULT 32

US-10-096-596-32
; Sequence 32, Application US/10096596
; Publication No. US20030049653A1
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match 100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 3 CATAC 7

RESULT 33

US-10-378-558A-13/c
; Sequence 13, Application US/10378558A
; Publication No. US20040009576A1
; GENERAL INFORMATION:
; APPLICANT: Kalscheuer, Rainer
; APPLICANT: Steinbuechel, Alexander
; APPLICANT: Voelker, Toni
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
; FILE REFERENCE: MONS:026US2
; CURRENT APPLICATION NUMBER: US/10/378,558A
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,774
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13

Query Match 100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 7 CATAC 3

RESULT 34

US-10-427-629-3/c
; Sequence 3, Application US/10427629
; Publication No. US20040078834A1
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted
; FILE REFERENCE: TJU2851
; CURRENT APPLICATION NUMBER: US/10/427,629
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 60/376,464
; PRIOR FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-427-629-3

Query Match 100.0%; Score 5; DB 17; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 6 CATAC 2

RESULT 35

US-08-935-377-16
; Sequence 16, Application US/08935377
; Publication No. US20030133917A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: T Cells Specific for Target Antigens and
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington

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/ STATE: D. C.
/ COUNTRY: USA
/ ZIP: 20005
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/935,377
/ FILING DATE: 22-SEP-1997
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Steffe, Eric K
/ REGISTRATION NUMBER: 36,688
/ REFERENCE/DOCKET NUMBER: 1821.0010000/EKS/CMB
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 371-2600
/ TELEFAX: (202) 371-2540
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
US-08-935-377-16

Query Match 100.0%; Score 5; DB 8; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 10

RESULT 36
US-09-822-250-16
/ Sequence 16, Application US/09822250
/ Patent No. US20020018785A1
/ GENERAL INFORMATION:
/ APPLICANT: Zauderer, Maurice
/ TITLE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus
/ FILE REFERENCE: 1821.0010001
/ CURRENT APPLICATION NUMBER: US/09/822,250
/ CURRENT FILING DATE: 2001-04-02
/ PRIOR APPLICATION NUMBER: US 08/935,377
/ PRIOR FILING DATE: 1997-09-22
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 16
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: synthetic construct
US-09-822-250-16

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 10

RESULT 37
US-09-398-399-31/c
/ Sequence 31, Application US/09398399
/ Patent No. US20020051973A1
/ GENERAL INFORMATION:
/ APPLICANT: DELENSTARR, GLENDA C.
/ APPLICANT: LEFKOWITZ, STEVEN M.
```

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/ APPLICANT: LUEBKE, KEVIN J.
/ APPLICANT: OVERMAN, LESLIE B.
/ APPLICANT: SAMPRAS, NICHOLAS M.
/ APPLICANT: SAMPSON, JEFFREY R.
/ APPLICANT: WOLBER, PAUL K.
/ TITLE OF INVENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC
/ FILE REFERENCE: 10981620-1
/ CURRENT APPLICATION NUMBER: US/09/398,399
/ CURRENT FILING DATE: 1999-09-17
/ NUMBER OF SEQ ID NOS: 35
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 31
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 38
US-09-899-381-31/c
/ Sequence 31, Application US/09899381
/ Patent No. US20020068293A1
/ GENERAL INFORMATION:
/ APPLICANT: Delenstarr, Glend C.
/ APPLICANT: Wolber, Paul K.
/ APPLICANT: Sana, Theodore R.
/ TITLE OF INVENTION: Arrays Having Background Features and
/ TITLE OF INVENTION: Methods for Using the Same
/ FILE REFERENCE: 10010760-1
/ CURRENT APPLICATION NUMBER: US/09/899,381
/ CURRENT FILING DATE: 2001-07-05
/ PRIOR APPLICATION NUMBER: 09/398,399
/ PRIOR FILING DATE: 1999-09-17
/ NUMBER OF SEQ ID NOS: 53
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 31
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic probe
US-09-899-381-31

Query Match 100.0%; Score 5; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAC 5
Db 6 CATAC 2

RESULT 39
US-09-962-602-7
/ Sequence 7, Application US/09962602
/ Publication No. US20030059899A1
/ GENERAL INFORMATION:
/ APPLICANT: SASTRY, MURALI
/ APPLICANT: KUMAR, ASHAVANI
/ APPLICANT: RAMAKRISHNAN, VIDYA
/ APPLICANT: GANESH, KRISHNARAJANAGAR
/ TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
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; FILE REFERENCE: 4062-6
; CURRENT APPLICATION NUMBER: US/09/962,602
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA1
US-09-962-602-7

Query Match 100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 2 CATAC 6

RESULT 40
US-09-962-602-8/c
; Sequence 8, Application US/09962602
; Publication No. US20030059899A1
; GENERAL INFORMATION:
; APPLICANT: SASTRY, MURALI
; APPLICANT: KUMAR, ASHAVANT
; APPLICANT: RAMAKRISHNAN, VIDYA
; APPLICANT: GANESH, KRISHNARAJANAGAR
; TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
; FILE REFERENCE: 4062-6
; CURRENT APPLICATION NUMBER: US/09/962,602
; CURRENT FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA2
US-09-962-602-8

Query Match 100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CATAC 5
Db 9 CATAC 5

Search completed: March 22, 2005, 19:09:41
Job time : 177.708 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 173.333 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-8

Perfect score: 20

Sequence: 1 gcagcgcattcgtacg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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5: /cgm2_6/ptodata/1/ina/PTCUS_COMB.seq.*

6: /cgm2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	13.8	69.0	162	4	US-08-781-986A-1694
3	13.8	69.0	196	4	US-09-513-999C-25349
4	13.6	68.0	58	1	US-07-982-712-34
5	13.6	68.0	58	1	US-07-982-712-35
6	13.4	67.0	28	1	US-08-053-564-10
7	13.4	67.0	42	1	US-08-301-872A-6
8	13.4	67.0	42	2	US-08-443-372A-6
9	13.4	67.0	70	1	US-08-301-872A-7
10	13.4	67.0	70	1	US-08-301-872A-8
11	13.4	67.0	70	2	US-08-443-372A-7
12	13.4	67.0	70	2	US-08-443-372A-8
13	13.2	66.0	33	4	US-09-535-851A-6
14	13.2	66.0	152	4	US-09-513-999C-27989
15	13.2	66.0	177	4	US-09-313-294A-292
16	12.8	64.0	25	4	US-09-396-196G-4286
17	12.8	64.0	25	4	US-09-396-196G-4287
18	12.8	64.0	182	4	US-09-513-999C-12286
19	12.6	63.0	26	1	US-07-720-586-7
20	12.6	63.0	65	3	US-09-415-522-24
21	12.6	63.0	77	4	US-09-001-039B-7
22	12.6	63.0	108	4	US-08-956-171E-4834
23	12.6	63.0	108	4	US-08-781-986A-4834
24	12.6	63.0	129	4	US-08-956-171E-4790
25	12.6	63.0	129	4	US-08-781-986A-4790
26	12.6	63.0	144	4	US-09-270-767-2187
27	12.6	63.0	145	4	US-09-513-999C-34984

28	12.6	63.0	178	4	US-09-313-294A-26	Sequence 26, Appl
29	12.6	63.0	178	4	US-09-270-767-26372	Sequence 26372, A
30	12.4	62.0	25	4	US-09-396-196G-4285	Sequence 4285, Ap
31	12.4	62.0	38	2	US-09-097-759-6	Sequence 6, Appl
32	12.4	62.0	38	3	US-09-065-104-24	Sequence 24, Appl
33	12.4	62.0	59	2	US-08-816-155B-23	Sequence 23, Appl
34	12.4	62.0	59	3	US-08-815-809-8	Sequence 8, Appl
35	12.4	62.0	59	3	US-09-079-589-23	Sequence 23, Appl
36	12.4	62.0	138	1	US-08-600-234-5	Sequence 5, Appl
37	12.4	62.0	138	1	US-08-386-921-5	Sequence 5, Appl
38	12.4	62.0	141	1	US-08-386-921-13	Sequence 13, Appl
39	12.4	62.0	144	1	US-08-386-921-11	Sequence 11, Appl
40	12.4	62.0	147	1	US-08-386-921-9	Sequence 9, Appl
41	12.4	62.0	159	4	US-09-513-999C-24987	Sequence 24987, A
42	12.4	62.0	161	1	US-08-600-234-2	Sequence 2, Appl
43	12.4	62.0	161	1	US-08-386-921-2	Sequence 2, Appl
44	12.4	62.0	161	1	US-08-386-921-10	Sequence 10, Appl
45	12.4	62.0	162	4	US-09-471-276-315	Sequence 315, App
46	12.4	62.0	197	1	US-08-386-921-4	Sequence 4, Appl
47	12.4	62.0	198	4	US-09-513-999C-13929	Sequence 13929, A
48	12.2	61.0	20	3	US-08-294-312B-21	Sequence 21, Appl
49	12.2	61.0	20	3	US-08-468-024B-21	Sequence 21, Appl
50	12.2	61.0	20	4	US-08-465-679-21	Sequence 21, Appl
51	12.2	61.0	20	4	US-09-232-785-139	Sequence 139, App
52	12.2	61.0	21	4	US-08-187-757D-19	Sequence 19, Appl
53	12.2	61.0	21	4	US-08-210-143C-19	Sequence 19, Appl
54	12.2	61.0	25	4	US-09-396-196G-51194	Sequence 51194, A
55	12.2	61.0	25	4	US-09-396-196G-59394	Sequence 59394, A
56	12.2	61.0	25	4	US-09-396-196G-87238	Sequence 87238, A
57	12.2	61.0	30	3	US-09-504-358-43	Sequence 43, Appl
58	12.2	61.0	30	3	US-09-954-314-43	Sequence 43, Appl
59	12.2	61.0	30	4	US-10-230-562-43	Sequence 43, Appl
60	12.2	61.0	35	4	US-09-122-315C-15	Sequence 15, Appl
61	12.2	61.0	35	4	US-09-360-376-4	Sequence 4, Appl
62	12.2	61.0	39	2	US-08-452-724A-18	Sequence 18, Appl
63	12.2	61.0	39	4	US-08-453-623-18	Sequence 18, Appl
64	12.2	61.0	43	3	US-08-961-810-31	Sequence 31, Appl
65	12.2	61.0	43	3	US-08-352-902D-31	Sequence 31, Appl
66	12.2	61.0	43	4	US-09-265-503B-31	Sequence 31, Appl
67	12.2	61.0	90	3	US-08-974-549A-693	Sequence 693, App
68	12.2	61.0	90	3	US-08-974-549A-694	Sequence 694, App
69	12.2	61.0	90	4	US-09-721-456-693	Sequence 693, App
70	12.2	61.0	90	4	US-09-721-456-694	Sequence 694, App
71	12.2	61.0	120	4	US-09-270-767-216	Sequence 216, App
72	12.2	61.0	120	4	US-09-270-767-15498	Sequence 15498, A
73	12.2	61.0	138	4	US-09-513-999C-14190	Sequence 14190, A
74	12.2	61.0	140	4	US-09-513-999C-29733	Sequence 29733, A
75	12.2	61.0	183	4	US-09-248-736A-12568	Sequence 12568, A
76	12.2	61.0	183	4	US-09-513-999C-23870	Sequence 23870, A
77	12	60.0	15	3	US-09-134-855-1	Sequence 1, Appl
78	12	60.0	15	3	US-09-134-855-1	Sequence 1, Appl
79	12	60.0	15	4	US-09-686-597-2	Sequence 2, Appl
80	12	60.0	15	4	US-09-686-597-2	Sequence 2, Appl
81	12	60.0	25	4	US-09-396-196G-11878	Sequence 11878, A
82	12	60.0	25	4	US-09-396-196G-49274	Sequence 49274, A
83	12	60.0	25	4	US-09-396-196G-49275	Sequence 49275, A
84	12	60.0	32	2	US-08-305-764C-37	Sequence 37, Appl
85	12	60.0	46	3	US-09-065-104-10	Sequence 10, Appl
86	12	60.0	46	3	US-09-065-104-11	Sequence 11, Appl
87	12	60.0	46	3	US-09-065-104-12	Sequence 12, Appl
88	12	60.0	46	3	US-09-065-104-13	Sequence 13, Appl
89	12	60.0	46	3	US-09-065-104-14	Sequence 14, Appl
90	12	60.0	46	3	US-09-065-104-16	Sequence 16, Appl
91	12	60.0	46	3	US-09-065-104-17	Sequence 17, Appl
92	12	60.0	46	3	US-09-065-104-18	Sequence 18, Appl
93	12	60.0	46	3	US-09-065-104-19	Sequence 19, Appl
94	12	60.0	46	3	US-09-065-104-20	Sequence 20, Appl
95	12	60.0	46	3	US-09-065-104-21	Sequence 21, Appl
96	12	60.0	46	3	US-09-065-104-22	Sequence 22, Appl
97	12	60.0	46	3	US-09-065-104-23	Sequence 23, Appl
98	12	60.0	47	3	US-09-065-104-15	Sequence 15, Appl
99	12	60.0	61	4	US-09-513-999C-21606	Sequence 21606, A
100	12	60.0	76	1	US-08-505-691-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1

US-08-956-171E-1694
; Sequence 1694, Application US/08956171E
; Patent No. 6593114
; GENERAL INFORMATION:
; APPLICANT: Charles Kunach
; Gil H. Choi
; Patrick S. Dillon
; Craig A. Rosen
; Steven C. Barash
; Michael R. Fannon
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5256
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; TYPE: nucleic acid
; LENGTH: 162 base pairs
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
US-08-956-171E-1694

Query Match 69.0%; Score 13.8; DB 4; Length 162;
Best Local Similarity 88.2%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTACG 20
| | | | | | | | | |
Db 50 TACATGCAATACGTACG 66

RESULT 2

US-08-781-986A-1694
; Sequence 1694, Application US/08781986A
; Patent No. 6737248
; GENERAL INFORMATION:
; APPLICANT: Charles Kunach
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5255
; CORRESPONDENCE ADDRESS:

Query Match 69.0%; Score 13.8; DB 4; Length 196;
Best Local Similarity 88.2%; Pred. No. 8.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,986A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Bob
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PB248PP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-781-986A-1694

Query Match 69.0%; Score 13.8; DB 4; Length 162;
Best Local Similarity 88.2%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTACG 20
| | | | | | | | | |
Db 50 TACATGCAATACGTACG 66

RESULT 3

US-09-513-999C-25349/c
; Sequence 25349, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 25349
; LENGTH: 196
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; OTHER INFORMATION: m=a or c
US-09-513-999C-25349

Query Match 69.0%; Score 13.8; DB 4; Length 196;
Best Local Similarity 88.2%; Pred. No. 8.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTAC 19
Db 31 ATGCATGCTTTATGTAC 15

RESULT 4

US-07-982-712-34
; Sequence 34, Application US/07982712
; Patent No. 5436391
; GENERAL INFORMATION:
; APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
; APPLICANT: Mikihiko YAMAMOTO, and Ko SHIMAMOTO
; TITLE OF INVENTION: Insecticidal protein-encoding Gene, Gramineous
; TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 144 mb

COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,712

FILING DATE: 19921127

CLASSIFICATION: 800

PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.

REGISTRATION NUMBER: 33,367

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850

TELEFAX:

TELEX:

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 58 bases

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-07-982-712-34

Query Match 68.0%; Score 13.6; DB 1; Length 58;

Best Local Similarity 80.0%; Pred. No. 9.7e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 20

Db 9 GCATGCATGAATTCCTAGG 28

RESULT 5

US-07-982-712-35/c
; Sequence 35, Application US/07982712
; Patent No. 5436391
; GENERAL INFORMATION:
; APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
; APPLICANT: Mikihiko YAMAMOTO, and Ko SHIMAMOTO
; TITLE OF INVENTION: Insecticidal protein-encoding Gene, Gramineous
; TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700

CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 144 mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/982,712

FILING DATE: 19921127

CLASSIFICATION: 800

PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.

REGISTRATION NUMBER: 33,367

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850

TELEFAX:

TELEX:

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 58 bases

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-07-982-712-35

Query Match 68.0%; Score 13.6; DB 1; Length 58;

Best Local Similarity 80.0%; Pred. No. 9.7e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 20

Db 54 GCATGCATGAATTCCTAGG 35

RESULT 6

US-08-053-564-10/c
; Sequence 10, Application US/08053564
; Patent No. 5418153
; GENERAL INFORMATION:
; APPLICANT: MORI, MASASHI
; APPLICANT: OKUNO, TETSURO
; APPLICANT: FURUSAWA, IWAQ
; TITLE OF INVENTION: PROCESS FOR PRODUCTION OF
; TITLE OF INVENTION: EXOGENOUS GENE OR ITS PRODUCT
; TITLE OF INVENTION: IN PLANT CELLS NO.2
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak &
; ADDRESSEE: Seas
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version

SOFTWARE: #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/053,564

FILING DATE: 28-APR-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP HEI-4-152593
FILING DATE: 28-APR-1992
TELEPHONE: (202)293-7060
TELEFAX: (202)293-7860
TELEX: 649113
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: synthesized oligonucleotide
US-08-053-564-10

Query Match 67.0%; Score 13.4; DB 1; Length 28;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATTCACG 16
Db 20 CATGCATTCACG 6

RESULT 7
US-08-301-872A-6
; Sequence 6, Application US/08301872A
; Patent No. 5580734
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/301,872A
; FILING DATE: 06-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-301-872A-6

Query Match 67.0%; Score 13.4; DB 1; Length 42;

Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 5 GCATGCATTACGTAC 19
Db 12 GGATGCATTACGTAC 26
RESULT 8
US-08-443-372A-6
; Sequence 6, Application US/08443372A
; Patent No. 5869239
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/443,372A
; FILING DATE: 17-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,872
; FILING DATE: 06-SEP-1994
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-443-372A-6

Query Match 67.0%; Score 13.4; DB 2; Length 42;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5 GCATGCATTACGTAC 19
Db 12 GGATGCATTACGTAC 26

RESULT 9
US-08-301-872A-7/c
; Sequence 7, Application US/08301872A
; Patent No. 5580734
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.

```
/ TITLE OF INVENTION: Library Screening Method
/ NUMBER OF SEQUENCES: 30
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/301,872A
/ FILING DATE: 06-SEP-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/739,861
/ FILING DATE: 02-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ FILING DATE: 13-JUL-1990
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: TKT90-01A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-861-6240
/ TELEFAX: 617-861-9540
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 70 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-301-872A-7

Query Match 67.0%; Score 13.4; DB 1; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6 CATGCATTACGTAGC 20
Db 54 CATGCATTACGTAGC 40

RESULT 10
US-08-301-872A-8
/ Sequence 8, Application US/08301872A
/ Patent No. 5580734
/ GENERAL INFORMATION:
/ APPLICANT: Treco, Douglas A.
/ APPLICANT: Miller, Allan M.
/ TITLE OF INVENTION: Library Screening Method
/ NUMBER OF SEQUENCES: 30
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/301,872A
/ FILING DATE: 06-SEP-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/739,861
/ FILING DATE: 02-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: TKT90-01A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-861-6240
/ TELEFAX: 617-861-9540
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 70 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-301-872A-7
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/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/739,861
/ FILING DATE: 02-AUG-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/552,183
/ FILING DATE: 13-JUL-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: TKT90-01A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-861-6240
/ TELEFAX: 617-861-9540
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 70 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-301-872A-8

Query Match 67.0%; Score 13.4; DB 1; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6 CATGCATTACGTAGC 20
Db 17 CATGCATTACGTAGC 31

RESULT 11
US-08-443-372A-7/c
/ Sequence 7, Application US/08443372A
/ Patent No. 5869239
/ GENERAL INFORMATION:
/ APPLICANT: Treco, Douglas A.
/ APPLICANT: Miller, Allan M.
/ TITLE OF INVENTION: Library Screening Method
/ NUMBER OF SEQUENCES: 30
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/443,372A
/ FILING DATE: 17-MAY-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/301,872
/ FILING DATE: 06-SEP-1994
/ APPLICATION NUMBER: US 07/739,861
/ FILING DATE: 02-AUG-1991
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/552,183
/ FILING DATE: 13-JUL-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Granahan, Patricia
/ REGISTRATION NUMBER: 32,227
/ REFERENCE/DOCKET NUMBER: TKT90-01A2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-861-6240
/ TELEFAX: 617-861-9540
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 70 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-301-872A-8
```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-443-372A-7

Query Match 67.0%; Score 13.4; DB 2; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CATGCATTACGTAGC 20
DB 54 CATGCATTACGTAGG 40

RESULT 12
US-08-443-372A-8
; Sequence 8, Application US/08443372A
; Patent No. 5869239
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Miller, Allan M.
; TITLE OF INVENTION: Library Screening Method
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/443,372A
; FILING DATE: 17-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,872
; FILING DATE: 06-SEP-1994
; APPLICATION NUMBER: US 07/739,861
; FILING DATE: 02-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/552,183
; FILING DATE: 13-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT90-01A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 70 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-443-372A-8

Query Match 67.0%; Score 13.4; DB 2; Length 70;
Best Local Similarity 93.3%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CATGCATTACGTAGC 20
DB 17 CATGCATTACGTAGG 31
```

```

RESULT 13
US-09-535-851A-6
; Sequence 6, Application US/09535851A
; Patent No. 6528636
; GENERAL INFORMATION:
; APPLICANT: Battelle Memorial Institute
; TITLE OF INVENTION: A Promoter Sequence of 3-Phosphoglycerate Kinase Gene 2 of Lactic
; Patent No. 6528636
; TITLE OF INVENTION: Producing Fungus Rhizopus Oryzae and a Method of Expressing a Ger
; TITLE OF INVENTION: in Fungal Species
; FILE REFERENCE: E-1891B
; CURRENT APPLICATION NUMBER: US/09/535,851A
; CURRENT FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-535-851A-6

Query Match 66.0%; Score 13.2; DB 4; Length 33;
Best Local Similarity 83.3%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATCATTTACGTA 18
DB 4 GCATGCATGATTTCATA 21

RESULT 14
US-09-513-999C-27989
; Sequence 27989, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 27989
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 13
; OTHER INFORMATION: w-a or t
US-09-513-999C-27989

Query Match 66.0%; Score 13.2; DB 4; Length 152;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATCATTTACGTA 18
DB 108 GAATGCATCATTAAGAA 125

RESULT 15
US-09-313-294A-292/c
; Sequence 292, Application US/09313294A
```

; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalugudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 292
; LENGTH: 177
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212 700548929H1
; NAME/KEY: unsure
; LOCATION: 2, 6, 75-93
; OTHER INFORMATION: a, t, c, g, or other
US-09-313-294A-292

Query Match 66.0%; Score 13.2; DB 4; Length 177;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACCTA 18
DB 52 GCATGCATGCATGCCATA 35

RESULT 16
US-09-396-196G-4286
; Sequence 4286, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4286
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-4286

Query Match 64.0%; Score 12.8; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACCT 17
DB 8 CATGCATGCATGACCT 23

RESULT 17
US-09-396-196G-4287
; Sequence 4287, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.

; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4287
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-4287

Query Match 64.0%; Score 12.8; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 CATGCATGCATTACCT 17
DB 5 CATGCATGCATGACCT 20

RESULT 18
US-09-513-999C-12286/c
; Sequence 12286, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 12286
; LENGTH: 182
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-12286

Query Match 64.0%; Score 12.8; DB 4; Length 182;
Best Local Similarity 87.5%; Pred. No. 2.8e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTAC 19
DB 88 TTCATGCATTACGTCC 73

RESULT 19
US-07-720-586-7
; Sequence 7, Application US/07720586
; Patent No. 5232831
; GENERAL INFORMATION:
; APPLICANT: Curt Millman
; APPLICANT: Philip W. Hammond
; TITLE OF INVENTION: NUCLEIC ACIDS PROBES
; TITLE OF INVENTION: TO STREPTOCOCCUS PYOGENES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: WordPerfect (Version 5.0)
CURRENT APPLICATION DATA:
FILING DATE: 19910628
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 193/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
LENGTH: 26
SEQUENCE CHARACTERISTICS:
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-720-586-7

Query Match 63.0%; Score 12.6; DB 1; Length 26;
Best Local Similarity 78.9%; Pred. No. 2.9e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 3 CTTGCATGTATTAGCAGC 21

RESULT 20

US-09-415-522-24/c
Sequence 24, Application US/09415522A
Patent No. 6291660
GENERAL INFORMATION:
APPLICANT: Gaffney, Thomas
APPLICANT: Wendland, Juergen
APPLICANT: Philippen, Peter
TITLE OF INVENTION: No. 6291660el Fungal Genes Required For No. 6291660mal Growth And
FILE REFERENCE: CGC2046
CURRENT FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatencIn Ver. 2.0
SEQ ID NO 24
LENGTH: 65
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-415-522-24

Query Match 63.0%; Score 12.6; DB 3; Length 65;
Best Local Similarity 78.9%; Pred. No. 3.2e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 57 GCTTGCATGCCTTTCATAC 39

RESULT 21

US-09-001-039B-7
Sequence 7, Application US/09001039B

Patent No. 6818439
GENERAL INFORMATION:
APPLICANT: Jolly, Douglas J.
APPLICANT: Chang, Stephen M.W.
APPLICANT: Respese, James G.
APPLICANT: Depolo, Nicholas J.
APPLICANT: Hsu, David Chi-Tang
APPLICANT: Ibanez, Carlos E.
APPLICANT: Greengard, Judith
APPLICANT: Lee, Will
TITLE OF INVENTION: METHODS FOR ADMINISTRATION OF
TITLE OF INVENTION: RECOMBINANTGENE DELIVERY VEHICLES FOR TREATMENT
TITLE OF INVENTION: OF HEMOPHILIA AND OTHER DISORDERS
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/001,039B
FILING DATE: 13-JAN-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 1155.005 / 930049.441C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 77 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-001-039B-7

Query Match 63.0%; Score 12.6; DB 4; Length 77;
Best Local Similarity 78.9%; Pred. No. 3.3e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 49 GCATGCACGCTTGGCGTAC 67

RESULT 22

US-08-956-171E-4834/c
Sequence 4834, Application US/08956171E
Patent No. 6593114
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
APPLICANT: Gil H. Choi
APPLICANT: Patrick S. Dillon
APPLICANT: Craig A. Rosen
APPLICANT: Steven C. Barash
APPLICANT: Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland

```

; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 4834:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4834:
US-08-956-171E-4834
Query Match 63.0%; Score 12.6; DB 4; Length 108;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 40 CTTGCATGTATTAGGCAGC 22

RESULT 23
US-08-781-986A-4834/c
; Sequence 4834, Application US/08781986A
; Patent No. 6737248
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5255
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,986A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 4790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4790:
US-08-956-171E-4790
Query Match 63.0%; Score 12.6; DB 4; Length 129;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 40 CTTGCATGTATTAGGCAGC 22

RESULT 24
US-08-956-171E-4790/c
; Sequence 4790, Application US/08956171E
; Patent No. 6593114
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; Gil H. Choi
; Patrick S. Dillon
; Craig A. Rosen
; Steven C. Barash
; Michael R. Fannon
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5256
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 4790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4790:
US-08-956-171E-4790
Query Match 63.0%; Score 12.6; DB 4; Length 129;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 4834:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 108 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-781-986A-4834
Query Match 63.0%; Score 12.6; DB 4; Length 108;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 40 CTTGCATGTATTAGGCAGC 22

RESULT 24
US-08-956-171E-4790/c
; Sequence 4790, Application US/08956171E
; Patent No. 6593114
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; Gil H. Choi
; Patrick S. Dillon
; Craig A. Rosen
; Steven C. Barash
; Michael R. Fannon
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5256
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/956,171E
; FILING DATE: 20-Oct-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/009,861
; FILING DATE: January 5, 1996
; APPLICATION NUMBER: 08/781,986
; FILING DATE: January 3, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark J. Hyman
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 4790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4790:
US-08-956-171E-4790
Query Match 63.0%; Score 12.6; DB 4; Length 129;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2 CATGCATGCATTACGTACG 20
Db      100 CTTCATGTATTAGGCACG 82

RESULT 25
US-08-781-986A-4790/c
; Sequence 4790, Application US/08781986A
; Patent No. 6737248
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5255
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,986A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Benson, Bob
; REGISTRATION NUMBER: 30,446
; REFERENCE/DOCKET NUMBER: PB248PP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 4790:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-781-986A-4790

Query Match      63.0%; Score 12.6; DB 4; Length 129;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CATGCATGCATTACGTACG 20
Db      100 CTTCATGTATTAGGCACG 82

RESULT 26
US-09-270-767-27187/c
; Sequence 27187, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27187
; LENGTH: 144
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
; FEATURE:

QY      2 CATGCATGCATTACGTACG 20
Db      100 CTTCATGTATTAGGCACG 82

RESULT 27
US-09-513-999C-34984
; Sequence 34984, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.Pm
; SEQ ID NO 34984
; LENGTH: 145
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-34984

Query Match      63.0%; Score 12.6; DB 4; Length 145;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CATGCATGCATTACGTACG 20
Db      28 CATGCATGTATCATGTAGG 46

RESULT 28
US-09-313-294A-26
; Sequence 26, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 26
; LENGTH: 178
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212 700548351H1
US-09-313-294A-26

Query Match      63.0%; Score 12.6; DB 4; Length 178;
Best Local Similarity 78.9%; Pred. No. 3.5e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2 CATGCATGCATTACGTACG 20
Db      100 CTTCATGTATTAGGCACG 82
```


Dd 160 CATGCATGCTATACAGACG 178

RESULT 29

US-09-270-767-26372
; Sequence 26372, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26372
; LENGTH: 178
; TYPE: DNA
; ORGANISM: *Drosophila melanogaster*
US-09-270-767-26372

Query Match 63.0%; Score 12.6; DB 4; Length 178;
Best Local Similarity 78.9%; Pred. No. 3.5e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTAC 19
|||||
Db 24 GCATGAATGCATTATATGC 42

RESULT 30

US-09-396-196G-4285
; Sequence 4285, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mitmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: *Mus musculus*
US-09-396-196G-4285

Query Match 62.0%; Score 12.4; DB 4; Length 25;
Best Local Similarity 92.9%; Pred. No. 3.7e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CATGCATGCATTAC 15
|||||
Db 11 CATGCATGCATTAC 24

RESULT 31

US-09-097-759-6
; Sequence 6, Application US/09097759A
; Patent No. 5972663
; GENERAL INFORMATION:
; APPLICANT: Winterhalter Mr., Christopher
; APPLICANT: Leinfelder Mr., Walfred
; TITLE OF INVENTION: Microorganisms and Processes for the Fermentative
; TITLE OF INVENTION: Preparation of L-cysteine,
; TITLE OF INVENTION: L-cysteine, N-acetylsine or Thiazolidine Derivatives
; FILE REFERENCE: Winterhalter

; CURRENT APPLICATION NUMBER: US/09/097,759A
; CURRENT FILING DATE: 1998-06-16
; EARLIER APPLICATION NUMBER: DE 197 26 083
; EARLIER FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 38
; TYPE: DNA
; ORGANISM: *Escherichia coli*
US-09-097-759-6

Query Match 62.0%; Score 12.4; DB 2; Length 38;
Best Local Similarity 92.9%; Pred. No. 3.9e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 ATGCATTACGTACG 20
|||||
Db 5 ATGCATTACGTAGG 18

RESULT 32

US-09-065-104-24
; Sequence 24, Application US/09065104
; Patent No. 6218168
; GENERAL INFORMATION:
; APPLICANT: LEINFELDER, Walfred,
; APPLICANT: HEINRICH, Peter
; TITLE OF INVENTION: Process for Preparing O-
; TITLE OF INVENTION: Acetylsine, L-Cysteine and L-Cysteine-Related
; TITLE OF INVENTION: Products
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Collard & Roe, P.C.
; STREET: 1077 No. 6218168thern Boulevard
; CITY: Roslyn
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11576
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect Version 5.1 for DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,104
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 39 952
; FILING DATE: 26-OCT-1995
; APPLICATION NUMBER: WO 97/15673
; FILING DATE: 24-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Collard, Allison C.
; REGISTRATION NUMBER: 22,532
; REFERENCE/DOCKET NUMBER: LEINFELDER PCT
; ATTORNEY/AGENT INFORMATION:
; NAME: Freedman, Edward R.
; REGISTRATION NUMBER: 26,048
; REFERENCE/DOCKET NUMBER: LEINFELDER PCT
; ATTORNEY/AGENT INFORMATION:
; NAME: Richter, Elizabeth C.
; REGISTRATION NUMBER: 35,103
; REFERENCE/DOCKET NUMBER: LEINFELDER PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 365-9802
; TELEFAX: (516) 365-9805
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: miscellaneous nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; IMMEDIATE SOURCE:
; LIBRARY: synthetic
; CLONE: cy8E-Lhrev1
US-09-065-104-24

Query Match 62.0%; Score 12.4; DB 3; Length 38;
Best Local Similarity 92.9%; Pred. No. 3.9e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 ATGCATTACGTACG 20
Db 5 ATGCATTACGTAGG 18

RESULT 33
US-08-816-155B-23/c
; Sequence 23, Application US/08816155B
; Patent No. 5990091
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: MARTINEZ, HECTOR
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: PINCUS, STEVEN E.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
; TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FROMMER LAWRENCE & HAUG LLP
; STREET: 745 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10151
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/816,155B
; FILING DATE: 12-MAR-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2990
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-588-0800
; TELEFAX: 212-588-0500
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 59 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-816-155B-23

Query Match 62.0%; Score 12.4; DB 2; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACG 16
Db 47 ATGCAAGCATTACG 34

RESULT 34
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US-08-815-809-8/c
; Sequence 8, Application US/08815809
; Patent No. 6004777
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: GOBBEL, Scott J.
; APPLICANT: COX, William I.
; APPLICANT: GETTIG, Russell R.
; APPLICANT: PINCUS, Steven E.
; APPLICANT: PAOLETTI, Enzo
; APPLICANT: JACOBS, Bertram L.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
; TITLE OF INVENTION: MAKING AND USES THEREOF
; FILE REFERENCE: 454310-3010
; CURRENT APPLICATION NUMBER: US/08/815,809
; CURRENT FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 8
; LENGTH: 59
; TYPE: DNA
; ORGANISM: Vaccinia virus
US-08-815-809-8

Query Match 62.0%; Score 12.4; DB 3; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACG 16
Db 47 ATGCAAGCATTACG 34

RESULT 35
US-09-079-587-23/c
; Sequence 23, Application US/09079587
; Patent No. 6130066
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: MARTINEZ, HECTOR
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: PINCUS, STEVEN E.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND
; TITLE OF INVENTION: METHODS OF MAKING AND USES THEREOF
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FROMMER LAWRENCE & HAUG LLP
; STREET: 745 FIFTH AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10151
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/079,587
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/816,155
; FILING DATE: 12-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: KOWALSKI, THOMAS J.
; REGISTRATION NUMBER: 32,147
; REFERENCE/DOCKET NUMBER: 454310-2990
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-588-0800
; TELEFAX: 212-588-0500
```

; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 59 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-079-587-23

Query Match 62.0%; Score 12.4; DB 3; Length 59;
Best Local Similarity 92.9%; Pred. No. 4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTAC 16
Db 47 ATGCAAGCATTAC 34

RESULT 36
US-08-600-234-5/c
; Sequence 5, Application US/08600234
; Patent No. 5807707
; GENERAL INFORMATION:
; APPLICANT: ANDREWS, David W.
; APPLICANT: HUGHES, Martin JG.
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/600,234
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/386,921
FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-569
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1153
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-600-234-5

Query Match 62.0%; Score 12.4; DB 1; Length 138;
Best Local Similarity 92.9%; Pred. No. 4.3e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 106 CAAGCATGCATTAC 93

RESULT 37

US-08-386-921-5/c
; Sequence 5, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: ANDREWS, David W.
; APPLICANT: HUGHES, Martin J.G.
; APPLICANT: VASSILAKOS, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1153
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 138 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-386-921-5

Query Match 62.0%; Score 12.4; DB 1; Length 138;
Best Local Similarity 92.9%; Pred. No. 4.3e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 106 CAAGCATGCATTAC 93

RESULT 38
US-08-386-921-13/c
; Sequence 13, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: ANDREWS, David W.
; APPLICANT: HUGHES, Martin J.G.
; APPLICANT: VASSILAKOS, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/386,921
;; FILING DATE: 10-FEB-1995
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Stewart, Michael I.
;; REGISTRATION NUMBER: 24,973
;; REFERENCE/DOCKET NUMBER: 1038-423
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (416) 595-1155
;; TELEFAX: (416) 595-1153
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 141 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-386-921-13

Query Match 62.0%; Score 12.4; DB 1; Length 141;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 86 CAAGCATGCATTAC 73

RESULT 39
US-08-386-921-11/c
; Sequence 11, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Hughes, Martin J.G.
; APPLICANT: Vassilakos, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1153
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 144 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 62.0%; Score 12.4; DB 1; Length 144;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 89 CAAGCATGCATTAC 76

RESULT 40
US-08-386-921-9/c
; Sequence 9, Application US/08386921
; Patent No. 5824497
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Hughes, Martin J.G.
; APPLICANT: Vassilakos, Akaterini
; TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: Suite 701, 330 University Avenue
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1153
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 147 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-386-921-9
Query Match 62.0%; Score 12.4; DB 1; Length 147;
Best Local Similarity 92.9%; Pred. No. 4.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTAC 15
Db 92 CAAGCATGCATTAC 79

Search completed: March 22, 2005, 10:49:17
Job time : 176.333 secs

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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 710.833 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-8

Perfect score: 20

Sequence: 1 gcatagcattacgtacg 20

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Searched: 5544816 seqs, 2976611598 residues

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Minimum DB seq length: 0

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

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21: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
22: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	14.4	72.0	75	18	US-10-430-201-846
4	14.4	72.0	75	18	US-10-430-201-847
5	14.4	72.0	75	18	US-10-430-201-848
6	14.2	71.0	25	19	US-10-719-900-18303
7	14.2	71.0	25	19	US-10-719-900-665799
8	14.2	71.0	123	18	US-10-425-115-178377
9	14.2	71.0	141	17	US-10-282-122A-11843
10	14.2	71.0	153	11	US-09-727-892-32
11	14.2	71.0	175	18	US-10-437-963-71654
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					Sequence 846, App
					Sequence 847, App
					Sequence 848, App
					Sequence 18303, A
					Sequence 665799,
					Sequence 178377,
					Sequence 11843, A
					Sequence 32, Appl
					Sequence 71654, A

C 12	14.2	71.0	191	18	US-10-437-963-32687	Sequence 32687, A
C 13	13.8	69.0	25	19	US-10-719-900-102233	Sequence 102233,
C 14	13.8	69.0	25	19	US-10-719-900-102234	Sequence 102234,
C 15	13.8	69.0	162	8	US-08-781-986A-1694	Sequence 1694, Ap
C 16	13.8	69.0	162	17	US-10-329-624-1694	Sequence 1694, Ap
C 17	13.8	69.0	173	17	US-10-424-599-76449	Sequence 76449, A
C 18	13.8	69.0	177	17	US-10-424-599-1569	Sequence 1569, Ap
C 19	13.8	69.0	180	17	US-10-424-599-59127	Sequence 59127, A
C 20	13.8	69.0	187	17	US-10-424-599-76527	Sequence 76527, A
C 21	13.8	69.0	192	18	US-10-425-115-148817	Sequence 148817,
C 22	13.6	68.0	25	19	US-10-719-900-573924	Sequence 573924,
C 23	13.6	68.0	112	18	US-10-437-963-46744	Sequence 46744, A
C 24	13.6	68.0	165	17	US-10-242-535A-18933	Sequence 18933, A
C 25	13.6	68.0	165	17	US-10-085-783A-18933	Sequence 18933, A
C 26	13.6	68.0	177	18	US-10-425-115-15874	Sequence 15874, A
C 27	13.6	68.0	179	18	US-10-437-963-87658	Sequence 87658, A
C 28	13.6	68.0	187	18	US-10-021-323-16957	Sequence 16957, A
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C 30	13.4	67.0	165	18	US-10-767-701-21523	Sequence 21523, A
C 31	13.4	67.0	175	9	US-09-728-444-656	Sequence 656, App
C 32	13.4	67.0	188	17	US-10-424-599-129131	Sequence 129131,
C 33	13.2	66.0	25	19	US-10-719-900-632764	Sequence 632764,
C 34	13.2	66.0	25	19	US-10-719-900-703238	Sequence 703238,
C 35	13.2	66.0	99	9	US-09-969-373-431	Sequence 431, App
C 36	13.2	66.0	99	9	US-09-969-373-516	Sequence 516, App
C 37	13.2	66.0	102	18	US-10-674-124A-20469	Sequence 20469, A
C 38	13.2	66.0	128	17	US-10-424-599-65688	Sequence 65688, A
C 39	13.2	66.0	131	18	US-10-437-963-96687	Sequence 96687, A
C 40	13.2	66.0	138	17	US-10-260-238-5712	Sequence 5712, Ap
C 41	13.2	66.0	139	17	US-10-242-535A-6262	Sequence 6262, Ap
C 42	13.2	66.0	139	17	US-10-085-783A-6262	Sequence 6262, Ap
C 43	13.2	66.0	143	18	US-10-674-124A-25250	Sequence 25250, A
C 44	13.2	66.0	144	18	US-10-674-124A-20881	Sequence 20881, A
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C 46	13.2	66.0	182	18	US-10-425-115-39112	Sequence 39112, A
C 47	13.2	66.0	182	18	US-10-425-115-176104	Sequence 176104, A
C 48	13.2	66.0	185	18	US-10-674-124A-20880	Sequence 20880, A
C 49	13.2	66.0	188	17	US-10-424-599-32750	Sequence 32750, A
C 50	13	65.0	17	15	US-10-194-035-95	Sequence 95, Appl
C 51	13	65.0	106	9	US-09-969-373-854	Sequence 854, App
C 52	13	65.0	106	9	US-09-969-373-855	Sequence 855, App
C 53	13	65.0	109	9	US-09-969-373-934	Sequence 494, App
C 54	13	65.0	130	9	US-09-294-093B-5343	Sequence 5343, Ap
C 55	13	65.0	150	10	US-09-754-853A-76	Sequence 76, Appl
C 56	13	65.0	150	10	US-09-754-853A-78	Sequence 78, Appl
C 57	13	65.0	182	9	US-09-923-876-2073	Sequence 2073, Ap
C 58	13	65.0	182	10	US-09-923-876-2073	Sequence 2073, Ap
C 59	13	65.0	197	18	US-10-425-115-167319	Sequence 167319,
C 60	13	65.0	200	18	US-10-425-115-164060	Sequence 164060,
C 61	12.8	64.0	25	19	US-10-719-900-106642	Sequence 106642,
C 62	12.8	64.0	25	19	US-10-719-900-145211	Sequence 145211,
C 63	12.8	64.0	25	19	US-10-719-900-201783	Sequence 201783,
C 64	12.8	64.0	25	19	US-10-719-900-236004	Sequence 236004,
C 65	12.8	64.0	25	19	US-10-719-900-325872	Sequence 325872,
C 66	12.8	64.0	25	19	US-10-719-900-540690	Sequence 540690,
C 67	12.8	64.0	25	19	US-10-719-900-543037	Sequence 543037,
C 68	12.8	64.0	25	19	US-10-719-900-543255	Sequence 543255,
C 69	12.8	64.0	25	19	US-10-719-900-762598	Sequence 762598,
C 70	12.8	64.0	25	19	US-10-719-900-867481	Sequence 867481,
C 71	12.8	64.0	25	19	US-10-719-900-867482	Sequence 867482,
C 72	12.8	64.0	25	19	US-10-809-189-4286	Sequence 4286, Ap
C 73	12.8	64.0	25	19	US-10-809-189-4287	Sequence 4287, Ap
C 74	12.8	64.0	60	10	US-09-908-975-10266	Sequence 10266, A
C 75	12.8	64.0	100	9	US-09-969-373-168	Sequence 168, App
C 76	12.8	64.0	111	18	US-10-437-963-20497	Sequence 20497, A
C 77	12.8	64.0	145	17	US-10-424-599-59525	Sequence 59525, A
C 78	12.8	64.0	149	17	US-10-424-599-62748	Sequence 62748, A
C 79	12.8	64.0	163	18	US-10-425-115-147546	Sequence 147546,
C 80	12.8	64.0	172	17	US-10-424-599-48011	Sequence 48011, A
C 81	12.8	64.0	190	9	US-09-969-373-169	Sequence 169, App
C 82	12.6	63.0	23	18	US-10-810-550-107	Sequence 107, App
C 83	12.6	63.0	23	19	US-10-805-292-73	Sequence 73, Appl
C 84	12.6	63.0	25	19	US-10-719-900-18304	Sequence 18304, A

c 85 12.6 63.0 25 19 US-10-719-900-220477 Sequence 220477,
c 86 12.6 63.0 25 19 US-10-719-900-245635 Sequence 245635,
c 87 12.6 63.0 25 19 US-10-719-900-363742 Sequence 363742,
c 88 12.6 63.0 25 19 US-10-719-900-397267 Sequence 397267,
c 89 12.6 63.0 25 19 US-10-719-900-630959 Sequence 630959,
c 90 12.6 63.0 25 19 US-10-719-900-665798 Sequence 665798,
c 91 12.6 63.0 25 19 US-10-719-900-888544 Sequence 888544,
c 92 12.6 63.0 25 19 US-10-719-900-919238 Sequence 919238,
c 93 12.6 63.0 50 17 US-10-147-368-4 Sequence 4, Appli
c 94 12.6 63.0 108 8 US-08-781-986A-4834 Sequence 4834, Ap
c 95 12.6 63.0 108 17 US-10-329-624-4834 Sequence 4834, Ap
c 96 12.6 63.0 109 18 US-10-674-124A-8510 Sequence 8510, Ap
c 97 12.6 63.0 110 18 US-10-425-115-42593 A Sequence 42593, A
c 98 12.6 63.0 112 17 US-10-424-599-20042 Sequence 20042, A
c 99 12.6 63.0 116 17 US-10-242-535A-36050 Sequence 36050, A
c 100 12.6 63.0 116 17 US-10-085-783A-36050 Sequence 36050, A

ALIGNMENTS

RESULT 1
US-10-122-630-8
; Sequence 8, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-8
Query Match 100.0%; Score 20; DB 14; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GCATGCATGCATTACGTACG 20
Db 1 GCATGCATGCATTACGTACG 20
RESULT 3
US-10-430-201-846/c
; Sequence 846, Application US/10430201
; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4879
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-430-201-846
Query Match 72.0%; Score 14.4; DB 18; Length 75;
Best Local Similarity 93.8%; Pred. No. 2.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 ATGCATGCATTACGTA 18
Db 54 ATGCATGCATTACGTA 39
RESULT 4
US-10-430-201-847/c
; Sequence 847, Application US/10430201
; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4879
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 847
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus

Query Match 100.0%; Score 20; DB 14; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GCATGCATGCATTACGTACG 20
Db 1 GCATGCATGCATTACGTACG 20

RESULT 2
US-10-122-633-8
; Sequence 8, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides

```

US-10-430-201-847
Query Match      72.0%; Score 14.4; DB 18; Length 75;
Best Local Similarity 93.8%; Pred. No. 2.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTA 18
    |||||
Db 54 ATGCATGCATAACGTA 39

RESULT 5
US-10-430-201-848/c
; Sequence 848, Application US/10430201
; Publication No. US20040162679A1
; GENERAL INFORMATION:
; APPLICANT: Li, Linheng
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
; FILE REFERENCE: 40716 (IP-010)
; CURRENT APPLICATION NUMBER: US/10/430,201
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US 60/370,114
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 4873
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 848
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-430-201-848
Query Match      72.0%; Score 14.4; DB 18; Length 75;
Best Local Similarity 93.8%; Pred. No. 2.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 ATGCATGCATTACGTA 18
    |||||
Db 54 ATGCATGCATAACGTA 39

RESULT 6
US-10-719-900-18303/c
; Sequence 18303, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 18303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-18303
Query Match      71.0%; Score 14.2; DB 19; Length 25;
Best Local Similarity 84.2%; Pred. No. 3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
    |||||
Db 24 GCATGCATGCATTACGTAC 6

RESULT 7
US-10-719-900-665799/c
; Sequence 665799, Application US/10719900
; Publication No. US20050026164A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 665799
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-665799
Query Match      71.0%; Score 14.2; DB 19; Length 25;
Best Local Similarity 84.2%; Pred. No. 3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
    |||||
Db 19 GTATGCACGCATTATGTAC 1

RESULT 8
US-10-425-115-178377
; Sequence 178377, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 178377
; LENGTH: 123
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURES:
; OTHER INFORMATION: Clone ID: MMT4577_94267C.1
US-10-425-115-178377
Query Match      71.0%; Score 14.2; DB 18; Length 123;
Best Local Similarity 84.2%; Pred. No. 3.2e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
    |||||
Db 86 GCATGCACGCATGACGGAC 104

RESULT 9
US-10-282-122A-11843/c
; Sequence 11843, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.

```

APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA 034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11843
; LENGTH: 141
; TYPE: DNA
; ORGANISM: Burkholderia cepacia
US-10-282-122A-11843

Query Match 71.0%; Score 14.2; DB 17; Length 141;
Best Local Similarity 84.2%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 38 GCCTGCATGCATTCGGAC 20

RESULT 10

US-09-727-892-32/c
; Sequence 32, Application US/09727892
; Publication No. US20040091856A1
; GENERAL INFORMATION:
; APPLICANT: Phagotech, Inc.
; APPLICANT: PELLETIER, Jerry
; APPLICANT: GROS, Philippe
; APPLICANT: DUBOW, Michael
; TITLE OF INVENTION: DNA SEQUENCES FROM STAPHYLOCOCCUS AUREUS BACTERIOPHAGE 44 AHJD
; FILE REFERENCE: 073406-0302
; CURRENT APPLICATION NUMBER: US/09/727,892
; CURRENT FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 32
; LENGTH: 153
; TYPE: DNA
; ORGANISM: Staphylococcus aureus Bacteriophage 44 AHJD
US-09-727-892-32

Query Match 71.0%; Score 14.2; DB 11; Length 153;
Best Local Similarity 84.2%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGCATGCATTACGTAC 19
Db 70 GCATACCTGCATTCGTTTC 52

RESULT 11

US-10-437-963-71654/c
; Sequence 71654, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 71654
; LENGTH: 175
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_72107C.1
US-10-437-963-71654

Query Match 71.0%; Score 14.2; DB 18; Length 175;
Best Local Similarity 84.2%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 46 CATCCATGCATTCCTTACG 28

RESULT 12

US-10-437-963-32687/c
; Sequence 32687, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 32687
; LENGTH: 191
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_36871C.1
US-10-437-963-32687

Query Match 71.0%; Score 14.2; DB 18; Length 191;
Best Local Similarity 84.2%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTACG 20
Db 62 CATCCATGCATTCGTACG 44


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RESULT 13
US-10-719-900-102233/c
; Sequence 102233, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 102233
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-102233
Query Match          69.0%; Score 13.8; DB 19; Length 25;
Best Local Similarity 88.2%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTACG 20
DB 24 TGCATGCATTATGTTTCG 8

RESULT 14
US-10-719-900-102234/c
; Sequence 102234, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 102234
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-102234
Query Match          69.0%; Score 13.8; DB 19; Length 25;
Best Local Similarity 88.2%; Pred. No. 4.8e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTACG 20
DB 24 TGCATGCATTATGTTTCG 8

RESULT 15
US-08-781-986A-1694
; Sequence 1694, Application US/08781986A
; Publication No. US20030054436A1
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5255
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/329,624
FILING DATE: 27-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/956,171
FILING DATE: October 20, 1997
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mark J. Hyman

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/329,624
FILING DATE: 27-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/956,171
FILING DATE: October 20, 1997
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mark J. Hyman

US-08-781-986A-1694
Query Match          69.0%; Score 13.8; DB 8; Length 162;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCATGCATTACGTACG 20
DB 50 TACATGCAATACGTACG 66

RESULT 16
US-10-329-624-1694
; Sequence 1694, Application US/10329624
; Publication No. US20040043037A1
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; GIL H. Choi
; Patrick S. Dillon
; Craig A. Rosen
; Steven C. Barash
; Michael R. Fannon
; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 5256
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/329,624
FILING DATE: 27-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/956,171
FILING DATE: October 20, 1997
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mark J. Hyman
```

```
;
;
; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248PID1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (240) 314-1224
; TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
US-10-329-624-1694

Query Match          69.0%; Score 13.8; DB 17; Length 162;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TCATGTCATTACGTACG 20
DB 50 TACATGCAATACGTACG 66

RESULT 17
US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 173
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_40045C.1
US-10-424-599-76449

Query Match          69.0%; Score 13.8; DB 17; Length 173;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 ATGCATGCATTACGTAC 19
DB 48 ATGCATGCATTACAGAC 64

RESULT 18
US-10-424-599-1569
; Sequence 1569, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 1569
; LENGTH: 177
; TYPE: DNA

;
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_101416C.1
US-10-424-599-1569

Query Match          69.0%; Score 13.8; DB 17; Length 177;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 ATGCATGCATTACGTAC 19
DB 98 ATGCATGCATTACTTAC 114

RESULT 19
US-10-424-599-59127/c
; Sequence 59127, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 59127
; LENGTH: 180
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_24402C.1
US-10-424-599-59127

Query Match          69.0%; Score 13.8; DB 17; Length 180;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGT 17
DB 178 GCATCCATGCATTGCGT 162

RESULT 20
US-10-424-599-76527
; Sequence 76527, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76527
; LENGTH: 187
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(187)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_40115C.1
US-10-424-599-76527
```

```
Query Match      69.0%; Score 13.8; DB 17; Length 187;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 TGCGATGCATTAGCTAGC 20
DB 90 TGCGATGCATTGCTAGC 106

RESULT 21
US-10-425-115-148817
; Publication No. US20040121427A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 148817
; LENGTH: 192
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_67247C.1
US-10-425-115-148817

Query Match      69.0%; Score 13.8; DB 18; Length 192;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAGCT 17
DB 41 GCATGCTTGCAATTCGCT 57

RESULT 22
US-10-719-900-573924/c
; Sequence 573924, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982314
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 573924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-573924

Query Match      68.0%; Score 13.6; DB 19; Length 25;
Best Local Similarity 80.0%; Pred. No. 6e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAGCTAGC 20
DB 25 GGATGCTGAACCTAGCTAGC 6

RESULT 23
US-10-437-963-46744
; Sequence 46744, Application US/10437963
```

```
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 46744
; LENGTH: 112
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_49581C.1
US-10-437-963-46744

Query Match      68.0%; Score 13.6; DB 18; Length 112;
Best Local Similarity 80.0%; Pred. No. 6.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAGCTAGC 20
DB 1 GCAAGCAACATTACGTAAG 20

RESULT 24
US-10-242-535A-18933/C
; Sequence 18933, Application US/10242535A
; Publication No. US20040013663A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18933
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Human
US-10-242-535A-18933

Query Match      68.0%; Score 13.6; DB 17; Length 165;
Best Local Similarity 80.0%; Pred. No. 6.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAGCTAGC 20
DB 65 GCTTCATGCATTACCTAAG 46

RESULT 25
US-10-085-783A-18933/C
; Sequence 18933, Application US/10085783A
; Publication No. US20040037841A1
```

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; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2002
; CURRENT APPLICATION NUMBER: US/10/085,783A
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18933
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Human
US-10-085-783A-18933

Query Match      68.0%; Score 13.6; DB 17; Length 165;
Best Local Similarity 80.0%; Pred. No. 6.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 65 GCTTTCATGCATTACCTAAG 46

RESULT 26
US-10-425-115-15874
; Sequence 15874, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 15874
; LENGTH: 177
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(177)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_114478C.1
US-10-425-115-15874

Query Match      68.0%; Score 13.6; DB 18; Length 177;
Best Local Similarity 80.0%; Pred. No. 6.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 36 GCATGCCAGCATCATGTACG 55

RESULT 27
US-10-437-963-87658
; Sequence 87658, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
```

```
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 87658
; LENGTH: 179
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_86583C.1
US-10-437-963-87658

Query Match      68.0%; Score 13.6; DB 18; Length 179;
Best Local Similarity 80.0%; Pred. No. 6.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 124 GGATCCAGCTTTACGTACG 143

RESULT 28
US-10-021-323-16957
; Sequence 16957, Application US/10021323
; Publication No. US20040123340A1
; GENERAL INFORMATION:
; APPLICANT: Deikman, Jill
; APPLICANT: Feng, Paul C.C.
; APPLICANT: Fincher, Karen L.
; APPLICANT: Ziegler, Todd E.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(52274)B
; CURRENT APPLICATION NUMBER: US/10/021,323
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 60/255, 619
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 17880
; SEQ ID NO 16957
; LENGTH: 187
; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3829-026-Q6-N6-B3
US-10-021-323-16957

Query Match      68.0%; Score 13.6; DB 18; Length 187;
Best Local Similarity 80.0%; Pred. No. 6.5e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTACG 20
Db 124 GCATGCTTGCAACAAGTACG 143

RESULT 29
US-10-719-900-356387
; Sequence 356387, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
```

; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 356387
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-356387

Query Match 67.0%; Score 13.4; DB 19; Length 25;
Best Local Similarity 93.3%; Pred. No. 7.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 GCATGCATTACGTAC 19
|||||
DB 6 GCATGCATTACGTAC 20

RESULT 30
US-10-767-701-21523/c
; Sequence 21523, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 21523
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: 13239548
US-10-767-701-21523

Query Match 67.0%; Score 13.4; DB 18; Length 165;
Best Local Similarity 93.3%; Pred. No. 8.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAC 15
|||||
DB 141 GCATGCATGCATTAC 127

RESULT 31
US-09-728-444-656/c
; Sequence 656, Application US/09728444
; Patent No. US20020161207A1
; GENERAL INFORMATION:
; APPLICANT: Friedrich, Glenn
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. US20020161207A1el Murine Polynucleotide Sequences
; TITLE OF INVENTION: and Mutant Cells and Mutant Animals Defined Thereby
; FILE REFERENCE: LEX-0100-80A
; CURRENT APPLICATION NUMBER: US/09/728,444
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/168,360
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 1206
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 656
; LENGTH: 175
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION: (1)...(175)
; OTHER INFORMATION: n = A,T,C or G
US-09-728-444-656

Query Match 67.0%; Score 13.4; DB 9; Length 175;
Best Local Similarity 93.3%; Pred. No. 8.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAC 15
|||||
DB 103 GCATGCATGCATTAC 89

RESULT 32
US-10-424-599-129131/c
; Sequence 129131, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 129131
; LENGTH: 188
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_87610C.1
US-10-424-599-129131

Query Match 67.0%; Score 13.4; DB 17; Length 188;
Best Local Similarity 93.3%; Pred. No. 8.2e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTAC 15
|||||
DB 141 GCATGCATGCATTAC 127

RESULT 33
US-10-719-900-632764
; Sequence 632764, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 632764
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-632764

Query Match 66.0%; Score 13.2; DB 19; Length 25;
Best Local Similarity 83.3%; Pred. No. 9.4e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACCTA 18
|||||
DB 3 GCAAGCATCCATTACTTA 20

```

; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 516
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-516

Query Match 66.0%; Score 13.2; DB 9; Length 99;
Best Local Similarity 83.3%; Pred. No. 1e+04; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
    ||||| ||||| ||||| ||||| |||||
DB 45 GCATGCATGCATCAATTA 28

RESULT 37
US-10-674-124A-20469/c
; Sequence 20469, Application US/10674124A
; Publication No. US20040197797A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: TAMIYA, Gen
; TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/674,124A
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 10/257,511
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/JP00/07621
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: JP2000-112699
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: JP2002-327516
; PRIOR FILING DATE: 2002-09-28
; PRIOR APPLICATION NUMBER: JP2002-383869
; PRIOR FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 27110
; SEQ ID NO 20469
; LENGTH: 102
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: DIS07_10003875
; FEATURE:
; OTHER INFORMATION: Located on chromosome 14
; FEATURE:
; OTHER INFORMATION: Distance between a terminus base of telomere on
; OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base
; OTHER INFORMATION: sequence : 23461503
; FEATURE:
; OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of
; OTHER INFORMATION: sequence listing upward to telomere on chromosomal short arm and
; OTHER INFORMATION: 5'-terminus of this base sequence : 180092
US-10-674-124A-20469

Query Match 66.0%; Score 13.2; DB 18; Length 102;
Best Local Similarity 83.3%; Pred. No. 1e+04; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
    ||||| ||||| ||||| ||||| |||||
DB 34 GCATGCATGCATGCCTTA 17

RESULT 36
US-09-969-373-516/c
; Sequence 516, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 431
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-431

Query Match 66.0%; Score 13.2; DB 9; Length 99;
Best Local Similarity 83.3%; Pred. No. 1e+04; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCATGCATGCATTACGTA 18
    ||||| ||||| ||||| ||||| |||||
DB 45 GCATGCATGCATCAATTA 28

RESULT 36
US-09-969-373-516/c
; Sequence 516, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373

```

RESULT 38

US-10-424-599-65688/c
; Sequence 65688, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihwei
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 65688
; LENGTH: 128
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_30331C.1
US-10-424-599-65688

Query Match 66.0%; Score 13.2; DB 17; Length 128;
Best Local Similarity 83.3%; Pred. No. 1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTAC 19
|||||
Db 36 CATGCATGCATTCCTTTC 19

RESULT 39

US-10-437-963-96687/c
; Sequence 96687, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 96687
; LENGTH: 131
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(131)
; OTHER INFORMATION: unsure at all n locations
; FEATURES:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_94760C.1
US-10-437-963-96687

Query Match 66.0%; Score 13.2; DB 18; Length 131;
Best Local Similarity 83.3%; Pred. No. 1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTAC 19
|||||
Db 70 CATGCATGAATATGTAC 53

RESULT 40

US-10-260-238-5712/c
; Sequence 5712, Application US/10260238
; Publication No. US20040016025A1
; GENERAL INFORMATION:
; APPLICANT: Budworth, Paul R.
; APPLICANT: Moughamer, Todd G.
; APPLICANT: Briggs, Steven P.
; APPLICANT: Cooper, Bret
; APPLICANT: Glazebrook, Jane
; APPLICANT: Goff, Stephen A.
; APPLICANT: Katagiri, Fumiyaki
; APPLICANT: Kresps, Joel
; APPLICANT: Provart, Nicholas
; APPLICANT: Ricke, Darrell
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
; FILE REFERENCE: 60111-NP
; CURRENT APPLICATION NUMBER: US/10/260,238
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/325,448
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/325,277
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/370,620
; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 6077
; SEQ ID NO 5712
; LENGTH: 138
; TYPE: DNA
; ORGANISM: Zea mays
US-10-260-238-5712

Query Match 66.0%; Score 13.2; DB 17; Length 138;
Best Local Similarity 83.3%; Pred. No. 1e+04;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATGCATGCATTACGTAC 19
|||||
Db 59 CATGCATGCATTACGTAC 42

Search completed: March 22, 2005, 19:09:48
Job time : 717.833 secs

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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 52 Seconds
(without alignments)
188.801 Million cell updates/sec

Title: US-09-540-843-11
Perfect score: 6
Sequence: 1 ttaggg 6

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 100 summaries

Database : Issued Patents_NA.*
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query Match	Length	ID	Description
1	6	100.0	6	1	US-08-381-097A-3	Sequence 3, Appli
2	6	100.0	6	1	US-08-381-097A-5	Sequence 5, Appli
3	6	100.0	6	1	US-08-153-051B-4	Sequence 4, Appli
4	6	100.0	6	1	US-08-337-684-2	Sequence 2, Appli
5	6	100.0	6	2	US-08-151-477A-4	Sequence 4, Appli
6	6	100.0	6	2	US-08-670-999-3	Sequence 3, Appli
7	6	100.0	6	3	US-08-723-598-4	Sequence 4, Appli
8	6	100.0	6	3	US-08-819-867-9	Sequence 9, Appli
9	6	100.0	6	3	US-08-819-867-27	Sequence 27, Appl
10	6	100.0	6	3	US-08-630-019A-1	Sequence 1, Appli
11	6	100.0	6	3	US-09-018-545-3	Sequence 3, Appli
12	6	100.0	6	3	US-09-114-399-3	Sequence 3, Appli
13	6	100.0	6	4	US-09-608-636A-1	Sequence 1, Appli
14	6	100.0	6	4	US-09-378-535-9	Sequence 9, Appli
15	6	100.0	6	4	US-09-378-535-27	Sequence 27, Appl
16	6	100.0	6	4	US-09-940-173A-1	Sequence 1, Appli
17	6	100.0	6	4	US-09-730-893-1	Sequence 1, Appli
18	6	100.0	6	4	US-09-042-460-7	Sequence 7, Appli
19	6	100.0	6	5	PCT-US96-01206-1	Sequence 1, Appli
20	6	100.0	6	7	US-08-723-598-8	Sequence 8, Appli
21	6	100.0	6	7	US-09-940-173A-6	Sequence 6, Appli
22	6	100.0	6	7	US-09-730-893-6	Sequence 6, Appli
23	6	100.0	6	8	US-08-838-545-15	Sequence 15, Appl
24	6	100.0	6	8	US-08-838-545-30	Sequence 30, Appl
25	6	100.0	6	8	US-08-838-545-34	Sequence 34, Appl
26	6	100.0	6	8	US-09-349-532-15	Sequence 15, Appl
27	6	100.0	6	8	US-09-349-532-30	Sequence 30, Appl

28	6	100.0	8	3	US-09-349-532-34	Sequence 34, Appl
29	6	100.0	8	4	US-09-940-173A-4	Sequence 4, Appli
30	6	100.0	8	4	US-09-730-893-4	Sequence 4, Appli
31	6	100.0	9	1	US-08-337-684-3	Sequence 3, Appli
32	6	100.0	9	3	US-08-630-019A-27	Sequence 27, Appl
33	6	100.0	9	3	US-09-069-434-14	Sequence 14, Appl
34	6	100.0	9	3	US-08-838-545-16	Sequence 16, Appl
35	6	100.0	9	3	US-09-349-532-16	Sequence 16, Appl
36	6	100.0	10	1	US-08-192-300-18	Sequence 18, Appl
37	6	100.0	10	2	US-08-531-743-10	Sequence 10, Appl
38	6	100.0	10	3	US-08-630-019A-8	Sequence 8, Appli
39	6	100.0	10	3	US-08-838-545-7	Sequence 7, Appli
40	6	100.0	10	3	US-08-838-545-11	Sequence 11, Appl
41	6	100.0	10	3	US-08-838-545-17	Sequence 17, Appl
42	6	100.0	10	3	US-08-838-545-21	Sequence 21, Appl
43	6	100.0	10	3	US-08-838-545-29	Sequence 29, Appl
44	6	100.0	10	3	US-08-974-549A-527	Sequence 527, App
45	6	100.0	10	3	US-09-349-532-7	Sequence 7, Appli
46	6	100.0	10	3	US-09-349-532-11	Sequence 11, Appl
47	6	100.0	10	3	US-09-349-532-17	Sequence 17, Appl
48	6	100.0	10	3	US-09-349-532-21	Sequence 21, Appl
49	6	100.0	10	3	US-09-349-532-29	Sequence 29, Appl
50	6	100.0	10	4	US-08-912-951-294	Sequence 294, App
51	6	100.0	10	4	US-09-769-482-41	Sequence 41, Appl
52	6	100.0	10	4	US-09-402-181B-527	Sequence 527, App
53	6	100.0	10	4	US-09-721-456-527	Sequence 527, App
54	6	100.0	11	1	US-08-330-123A-2	Sequence 2, Appli
55	6	100.0	11	2	US-08-482-115B-2	Sequence 2, Appli
56	6	100.0	11	2	US-08-660-678A-2	Sequence 2, Appli
57	6	100.0	11	2	US-08-531-743-11	Sequence 11, Appl
58	6	100.0	11	2	US-08-531-743-12	Sequence 12, Appl
59	6	100.0	11	2	US-08-531-743-12	Sequence 12, Appl
60	6	100.0	11	2	US-08-472-802C-3	Sequence 3, Appli
61	6	100.0	11	3	US-08-520-550A-36	Sequence 36, Appl
62	6	100.0	11	3	US-08-630-019A-9	Sequence 9, Appli
63	6	100.0	11	3	US-08-630-019A-28	Sequence 28, Appl
64	6	100.0	11	3	US-08-630-019A-30	Sequence 30, Appl
65	6	100.0	11	3	US-08-630-019A-39	Sequence 39, Appl
66	6	100.0	11	3	US-08-838-545-13	Sequence 13, Appl
67	6	100.0	11	3	US-08-838-545-14	Sequence 14, Appl
68	6	100.0	11	3	US-08-838-545-18	Sequence 18, Appl
69	6	100.0	11	3	US-08-838-545-19	Sequence 19, Appl
70	6	100.0	11	3	US-08-838-545-31	Sequence 31, Appl
71	6	100.0	11	3	US-08-838-545-44	Sequence 44, Appl
72	6	100.0	11	3	US-08-998-443-2	Sequence 2, Appli
73	6	100.0	11	3	US-09-060-523-2	Sequence 2, Appli
74	6	100.0	11	3	US-09-349-532-13	Sequence 13, Appl
75	6	100.0	11	3	US-09-349-532-14	Sequence 14, Appl
76	6	100.0	11	3	US-09-349-532-18	Sequence 18, Appl
77	6	100.0	11	3	US-09-349-532-19	Sequence 19, Appl
78	6	100.0	11	3	US-09-349-532-31	Sequence 31, Appl
79	6	100.0	11	3	US-09-349-532-44	Sequence 44, Appl
80	6	100.0	11	3	US-09-580-517-2	Sequence 2, Appli
81	6	100.0	11	3	US-08-927-165A-22	Sequence 22, Appl
82	6	100.0	11	4	US-09-249-155A-57	Sequence 57, Appl
83	6	100.0	11	4	US-09-249-155A-271	Sequence 271, App
84	6	100.0	11	4	US-09-057-351-2	Sequence 2, Appli
85	6	100.0	11	4	US-09-657-445A-1	Sequence 1, Appli
86	6	100.0	11	4	US-09-835-370-63	Sequence 63, Appl
87	6	100.0	11	4	US-10-463-076-1	Sequence 1, Appli
88	6	100.0	12	1	US-08-038-766-2	Sequence 2, Appli
89	6	100.0	12	1	US-08-038-766-3	Sequence 3, Appli
90	6	100.0	12	1	US-08-330-123A-18	Sequence 18, Appl
91	6	100.0	12	1	US-08-381-097A-6	Sequence 6, Appli
92	6	100.0	12	1	US-08-153-051B-2	Sequence 2, Appli
93	6	100.0	12	1	US-08-153-051B-3	Sequence 3, Appli
94	6	100.0	12	1	US-08-153-051B-7	Sequence 7, Appli
95	6	100.0	12	1	US-08-475-778-3	Sequence 3, Appli
96	6	100.0	12	1	US-08-475-778-3	Sequence 3, Appli
97	6	100.0	12	1	US-08-337-684-1	Sequence 1, Appli
98	6	100.0	12	1	US-08-337-684-6	Sequence 6, Appli
99	6	100.0	12	1	US-08-060-952C-2	Sequence 2, Appli
100	6	100.0	12	1	US-08-060-952C-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1

US-08-381-097A-3
; Sequence 3, Application US/08381097A
; Patent No. 5643890
; GENERAL INFORMATION:
; APPLICANT: Iverson, Patrick L.
; APPLICANT: Mata, John E.
; TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides
; TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment
; TITLE OF INVENTION: of Cancer and Other Diseases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease
; STREET: 801 Grand Suite 3200
; CITY: Des Moines
; STATE: Iowa
; COUNTRY: United States
; ZIP: 50309
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/381,097A
; FILING DATE: 31-JAN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Nebel, Heidi S
; REGISTRATION NUMBER: 37,719
; REFERENCE/DOCKET NUMBER: ummc 63092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 515-288-3667
; TELEFAX: 515-288-1338
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-381-097A-3

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/381,097A
FILING DATE: 31-JAN-1995
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Nebel, Heidi S
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: ummc 63092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 515-288-3667
TELEFAX: 515-288-1338

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-381-097A-3

Query Match

Best Local Similarity 100.0%; Score 6; DB 1; Length 6;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy

1 TTAGGG 6

Db

1 TTAGGG 6

RESULT 2

US-08-381-097A-5/c
; Sequence 5, Application US/08381097A
; Patent No. 5643890
; GENERAL INFORMATION:
; APPLICANT: Iverson, Patrick L.
; APPLICANT: Mata, John E.
; TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides
; TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment
; TITLE OF INVENTION: of Cancer and Other Diseases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease
; STREET: 801 Grand Suite 3200

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/153.051B
;/ FILING DATE: No. 5645986ember 12, 1993
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/038.766
;/ FILING DATE: March 24, 1993
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 204/195
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 4:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 6
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-153-051B-4

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 4
US-08-337-684-2
; Sequence 2, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
; APPLICANT: West, Michael David
; APPLICANT: Shay, Jerry
; APPLICANT: Wright, Woodring E.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR
; MEASURING TELOMERES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337.684
; FILING DATE: No. 5686306ember 10, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/151.477
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/153.051
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/060.952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 08/038.766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 07/882.438
; FILING DATE: May 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 210/085
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 2:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 6 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-337-684-2

Query Match 100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 5
US-08-151-477A-4/c
; Sequence 4, Application US/08151477A
; Patent No. 5830644
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine Strahl
; APPLICANT: Michael J. McEachern
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/151.477A
; FILING DATE: No. 5830644ember 12, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/038.766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/189
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-151-477A-4

Query Match 100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 6
US-08-670-999-3
Sequence 3, Application US/08670999
Patent No. 5849727
GENERAL INFORMATION:
APPLICANT: Porter, Thomas R.
APPLICANT: Iverson, Patrick L.
TITLE OF INVENTION: Compositions and Methods for Altering
the Biodistribution of Biological Agents
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thomte, Voorhees & Sease
STREET: 801 Grand Suite 3200
CITY: Des Moines
STATE: Iowa
COUNTRY: United States
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/670,999
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Heidi S.
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: ummc 107A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 515-288-3667
TELEFAX: 515-288-1338
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-670-999-3

Query Match 100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 7
US-08-729-598-4
Sequence 4, Application US/08729598
Patent No. 6001657
GENERAL INFORMATION:
APPLICANT: Hardin, Charles C.

APPLICANT: Brown II, Bernard A.
APPLICANT: Roberts, John J.
APPLICANT: Pelaez, Stephen A.
TITLE OF INVENTION: Antibodies That Selectively Bind
Quadruplex Nucleic Acids
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sorojini J. Biswas
STREET: P.O. Box 37428
CITY: Raleigh
STATE: No. 6001657th Carolina
COUNTRY: USA
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,598
FILING DATE: 11-OCT-1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Biswas, Sorojini J.
REGISTRATION NUMBER: 39,111
REFERENCE/DOCKET NUMBER: 5051-301A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 854-1400
TELEFAX: (919) 854-1401
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
US-08-729-598-4

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 8
US-08-819-867-9
Sequence 9, Application US/08819867
Patent No. 6007989
GENERAL INFORMATION:
APPLICANT: Michael D. West
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Catherine M. Strahl
APPLICANT: Michael J. Mceachern
APPLICANT: Jerry Shay
APPLICANT: Woodring E. Wright
APPLICANT: Elizabeth H. Blackburn
APPLICANT: Nam Woo Kim
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
California

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-819-867-9

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 9
US-08-819-867-27/c
; Sequence 27, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-819-867-27

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 10
US-08-630-019A-1
; Sequence 1, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

```

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-1

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 11
US-09-018-545-3
; Sequence 3, Application US/09018545
; Patent No. 6087493
; GENERAL INFORMATION:
; APPLICANT: Wheelhouse, Richard T.
; APPLICANT: Hurley, Laurence H.
; TITLE OF INVENTION: PORPHYRIN COMPOUNDS AS TELOMERASE
; TITLE OF INVENTION: INHIBITORS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.
; ZIP: 77210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,545
; FILING DATE: Concurrently Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/037,295
; FILING DATE: 05-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSB:654
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-018-545-3

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 12
US-09-114-399-3
; Sequence 3, Application US/09114399
; Patent No. 6245747
; GENERAL INFORMATION:
; APPLICANT: Porter, Thomas R.
; APPLICANT: Iversen, Patrick L.
; APPLICANT: Meyer, Gary D.
; TITLE OF INVENTION: Targeted Site Specific Drug Delivery
; FILE REFERENCE: 0450-0310.31
; CURRENT APPLICATION NUMBER: US/09/114,399
; CURRENT FILING DATE: 1998-07-13
; PRIOR APPLICATION NUMBER: US 08/615,495
; PRIOR FILING DATE: 1996-03-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PS-ODN
US-09-114-399-3

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 13
US-09-608-636A-1
; Sequence 1, Application US/09608636A
; Patent No. 6518268
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Kyowa Hakko Kogyo Co., Ltd.
; APPLICANT: Chin, Allison C.
; APPLICANT: Holcomb, Ryan C.
; APPLICANT: Piatyszek, Mieczyslaw A
; APPLICANT: Singh, Upinder
; APPLICANT: Tolman, Richard L.
; APPLICANT: Akama, Tsutomu
; APPLICANT: Kanda, Yutaka
; APPLICANT: Asai, Akira
; APPLICANT: Yamashita, Yoshinori
; APPLICANT: Endo, Kaori
; APPLICANT: Yamaguchi, Hiroyuki
; TITLE OF INVENTION: Telomerase Inhibitors and Methods of Their Use
; FILE REFERENCE: 055/003
; CURRENT APPLICATION NUMBER: US/09/608,636A
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/142,173
; PRIOR FILING DATE: 1999-07-10
; PRIOR APPLICATION NUMBER: JP 11-187616
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: JP 11-307576
; PRIOR FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-608-636A-1

Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGG 6
Db 1 TTAGG 6

RESULT 14

US-09-378-535-9
; Sequence 9, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-378-535-9
Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGG 6

Db 1 TTAGG 6

RESULT 15

US-09-378-535-27/c
; Sequence 27, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-378-535-27
Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGG 6
Db 6 TTAGG 1

RESULT 16
US-09-940-173A-1

```

; Sequence 1, Application US/09940173A
; Patent No. 6623930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; TITLE OF INVENTION: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSP:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-1

```

```

Query Match      100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 TTAGGG 6
        |||||
DB      1 TTAGGG 6

```

```

RESULT 17
US-09-730-893-1
; Sequence 1, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSP:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-1

```

```

Query Match      100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 TTAGGG 6
        |||||

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```

Db      1 TTAGGG 6

RESULT 18
US-09-042-460-7
; Sequence 7, Application US/09042460
; Patent No. 6767719
; GENERAL INFORMATION:
; APPLICANT: Morin, Gregg B.
; APPLICANT: Allsopp, Richard
; APPLICANT: Depino, Ronald
; APPLICANT: Greenberg, Roger
; TITLE OF INVENTION: Mouse Telomerase Reverse Transcriptase
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,460
; FILING DATE: 16-MAR-1998
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/974,549
; FILING DATE: 19-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/974,584
; FILING DATE: 19-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/979,742
; FILING DATE: 26-NOV-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Binhorn, Gregory P.
; REGISTRATION NUMBER: 38,440
; REFERENCE/DOCKET NUMBER: 015389-003110US

```


TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: -
LOCATION: 1..6
OTHER INFORMATION: /note= "human telomeric repeat"
US-09-042-460-7

Query Match 100.0%; Score 6; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 19

PCT-US96-01206-1
Sequence 1, Application PC/TUS9601206
GENERAL INFORMATION:
APPLICANT: Iverson, Patrick L.
APPLICANT: Mata, John E.
TITLE OF INVENTION: Synthetic Oligodeoxynucleotides Which Mimic Telomeric Sequences for Use in the Treatment of Cancer and other Diseases
TITLE OF INVENTION: Mimic Telomeric Sequences for Use in the Treatment of Cancer and other Diseases
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thome, Voorhees & Sease
STREET: 801 Grand Avenue Suite 3200
CITY: Des Moines
STATE: Iowa
COUNTRY: United States
ZIP: 50309
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01206
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/391,097
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Heidi S.
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: UNMC# 63092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 515-288-3667
TELEFAX: 515-288-1338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-01206-1

Query Match 100.0%; Score 6; DB 5; Length 6;

Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 20

US-08-729-598-8
Sequence 8, Application US/08729598
Patent No. 6001657
GENERAL INFORMATION:
APPLICANT: Hardin, Charles C.
APPLICANT: Brown II, Bernard A.
APPLICANT: Roberts, John J.
APPLICANT: Peluse, Stephen A.
TITLE OF INVENTION: Antibodies That Selectively Bind to Quadruplex Nucleic Acids
TITLE OF INVENTION: Quadruplex Nucleic Acids
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sorojini J. Biswas
STREET: P.O. Box 37428
CITY: Raleigh
STATE: No. 6001657th Carolina
COUNTRY: USA
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,598
FILING DATE: 11-OCT-1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Biswas, Sorojini J.
REGISTRATION NUMBER: 39,111
REFERENCE/DOCKET NUMBER: 5051-301A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 854-1400
TELEFAX: (919) 854-1401
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
US-08-729-598-8

Query Match 100.0%; Score 6; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.3e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 21

US-09-940-173A-6
Sequence 6, Application US/09940173A
Patent No. 6623930
GENERAL INFORMATION:
APPLICANT: KERWIN, SEAN M.
APPLICANT: FEDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A G-QUADRUPLIX-INTERACTION COMPOUND
TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND
FILE REFERENCE: UTSB:679USD2

; CURRENT APPLICATION NUMBER: US/09/940,173A
 ; PRIOR FILING DATE: 2002-06-24
 ; PRIOR APPLICATION NUMBER: 09/730,893
 ; PRIOR FILING DATE: 2000-12-05
 ; PRIOR APPLICATION NUMBER: 09/244,675
 ; PRIOR FILING DATE: 1999-04-02
 ; PRIOR APPLICATION NUMBER: 60/073,629
 ; PRIOR FILING DATE: 1998-04-02
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 6
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Primer
 US-09-940-173A-6

Query Match 100.0%; Score 6; DB 4; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.3e+08;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
 Db 1 TTAGGG 6

RESULT 22
 US-09-730-893-6
 ; Sequence 6, Application US/09730893
 ; Patent No. 6689887
 ; GENERAL INFORMATION:
 ; APPLICANT: KERWIN, SEAN M.
 ; APPLICANT: FEDOROFF, OLEG Y.
 ; APPLICANT: SALAZAR, MIGUEL
 ; APPLICANT: HURLEY, LAURENCE H.
 ; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
 ; FILE REFERENCE: UTSB:679USC1
 ; CURRENT APPLICATION NUMBER: US/09/730,893
 ; CURRENT FILING DATE: 2000-12-05
 ; PRIOR APPLICATION NUMBER: 09/244,675
 ; PRIOR FILING DATE: 1999-04-02
 ; PRIOR APPLICATION NUMBER: 60/073,629
 ; PRIOR FILING DATE: 1998-04-02
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 6
 ; LENGTH: 7
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Primer
 US-09-730-893-6

Query Match 100.0%; Score 6; DB 4; Length 7;
 Best Local Similarity 100.0%; Pred. No. 2.3e+08;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
 Db 1 TTAGGG 6

RESULT 23
 US-08-838-545-15
 ; Sequence 15, Application US/08838545
 ; Patent No. 6046307
 ; GENERAL INFORMATION:
 ; APPLICANT: SHAY, JERRY W.
 ; APPLICANT: WRIGHT, WOODRING E.

; APPLICANT: PIATYSZEK, MIECZYSLAW A.
 ; APPLICANT: COREY, DAVID R.
 ; APPLICANT: No. 6046307ton, James C.
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 ; TITLE OF INVENTION: Peptide Nucleic Acids
 ; NUMBER OF SEQUENCES: 60
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/838,545
 ; FILING DATE: 09-APR-1997
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/630,019
 ; FILING DATE: 09-APR-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Storella, John R.
 ; REGISTRATION NUMBER: 32,944
 ; REFERENCE/DOCKET NUMBER: 015389-001610US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 15:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 8 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
 ; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
 ; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
 ; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
 US-08-838-545-15

Query Match 100.0%; Score 6; DB 3; Length 8;
 Best Local Similarity 100.0%; Pred. No. 2e+08;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
 Db 2 TTAGGG 7

RESULT 24
 US-08-838-545-30/c
 ; Sequence 30, Application US/08838545
 ; Patent No. 6046307
 ; GENERAL INFORMATION:
 ; APPLICANT: SHAY, JERRY W.
 ; APPLICANT: WRIGHT, WOODRING E.
 ; APPLICANT: PIATYSZEK, MIECZYSLAW A.
 ; APPLICANT: COREY, DAVID R.
 ; APPLICANT: No. 6046307ton, James C.
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 ; TITLE OF INVENTION: Peptide Nucleic Acids
 ; NUMBER OF SEQUENCES: 60
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA


```
/ FILING DATE: 09-APR-1997
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ TELECOMMUNICATION INFORMATION: 015389-001610US
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 8 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "peptide nucleic acid (PNA),
/ DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
/ DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
/ DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
/ US-09-349-532-15

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 27
US-09-349-532-30/c
/ Sequence 30, Application US/09349532
/ Patent No. 6294650
/ GENERAL INFORMATION:
/ APPLICANT: Shay, Jerry W.
/ APPLICANT: Wright, Woodring E.
/ APPLICANT: Piatyszek, Mieczyslaw A.
/ APPLICANT: Corey, David R.
/ APPLICANT: No. 6294650ton, James C.
/ TITLE OF INVENTION: Modulation of Mammalian Telomerase by
/ TITLE OF INVENTION: Peptide Nucleic Acids
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/349,532
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/838,545
/ FILING DATE: 09-APR-1997
/ APPLICATION NUMBER: US 08/630,019
/ FILING DATE: 09-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 8 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "peptide nucleic acid (PNA),
/ DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
/ DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
```

```

; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note="N = 1-50 peptide nucleic acid nucleobases, selected
; OTHER INFORMATION: U, T, A, G, 1 or C"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note="N = 1-50 peptide nucleic acid nucleobases, selected
; OTHER INFORMATION: U, T, A, G, 1 or C"
US-09-349-532-34

Query Match 100.0%; Score 6; DB 3; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 29
US-09-940-173A-4
; Sequence 4, Application US/09940173A
; Patent No. 6623930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; PRIOR FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 30
US-09-730-893-4
; Sequence 4, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.

```

```

; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-4

Query Match 100.0%; Score 6; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 31
US-08-337-684-3
; Sequence 3, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
; APPLICANT: West, Michael David
; APPLICANT: Shay, Jerry
; APPLICANT: Wright, Woodring E.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR
; TITLE OF INVENTION: MEASURING TELOMERES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,684
; FILING DATE: No. 5686306ember 10, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/151,477
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 5686306ember 12, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/085

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-337-684-3

Query Match 100.0%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 32
US-08-630-019A-27
Sequence 27, Application US/08630019A
Patent No. 6015710
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleoside bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-27

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 4 TTAGGG 9

RESULT 33
US-09-069-434-14
Sequence 14, Application US/09069434
Patent No. 6017709
GENERAL INFORMATION:
APPLICANT: HARDIN, Susan H.
APPLICANT: YING, Jun
APPLICANT: JONES, Leslie Borgan
TITLE OF INVENTION: DNA Replication Templates Stabilized by
TITLE OF INVENTION: Guanine Quartets
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 1301 McKinney, Suite 5100
CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,434
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DAVIDSON, Ross E.
REGISTRATION NUMBER: P-41,698
REFERENCE/DOCKET NUMBER: P-01480USO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5144
TELEFAX: 713/651-5246
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-069-434-14

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 4 TTAGGG 9

RESULT 34
US-08-838-545-16
Sequence 16, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids

```

; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-16

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 35
US-09-532-16
; Sequence 16, Application US/09349532
; Patent No. 6294650
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatysek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6294650ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/838,545
; FILING DATE: 09-APR-1997
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-09-349-532-16

Query Match 100.0%; Score 6; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 36
US-08-192-300-18
; Sequence 18, Application US/08192300
; Patent No. 5580759
; GENERAL INFORMATION:
; APPLICANT: Yang, Yih-Sheng
; APPLICANT: Tucker, Philip W.
; APPLICANT: Capra, J. Donald
; TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY
; TITLE OF INVENTION: EXONUCLEASE RESECTION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,300
; FILING DATE: February 3, 1994
; CLASSIFICATION: 535
; ATTORNEY/AGENT INFORMATION:
; NAME: Denise L. Mayfield
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTSD:327
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 320-7200
; TELEFAX: (512) 474-7577

```

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: Nucleic acid
STRANDEDNESS: single
TOPOLOGY: Linear
MOLECULE TYPE: Oligonucleotide
US-08-192-300-18

Query Match 100.0%; Score 6; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
|||||
DB 5 TTAGGG 10

RESULT 37
US-08-531-743-10
Sequence 10, Application US/08531743
Patent No. 5856096
GENERAL INFORMATION:
APPLICANT: Windle, Bradford E.
APPLICANT: Qiu, Ming
APPLICANT: Chen, Shi-fong
APPLICANT: Fletcher, Terace M.
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTRC:026/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-531-743-10

Query Match 100.0%; Score 6; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
|||||
DB 1 TTAGGG 6

RESULT 38

US-08-630-019A-8
Sequence 8, Application US/08630019A
Patent No. 6015710
GENERAL INFORMATION:

APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-0016000US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-8

Query Match 100.0%; Score 6; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 8.8e+04;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
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DB 1 TTAGGG 6

RESULT 39
US-08-838-545-7
Sequence 7, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:

APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,545
 FILING DATE: 09-APR-1997

CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/630,019
 FILING DATE: 09-APR-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Storella, John R.
 REGISTRATION NUMBER: 32,944
 REFERENCE/DOCKET NUMBER: 015389-001610US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "peptide nucleic acid (PNA),
 DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
 DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
 DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
 US-08-838-545-7

Query Match 100.0%; Score 6; DB 3; Length 10;
 Best Local Similarity 100.0%; Pred. No. 8.8e+04;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
 Db 1 TTAGGG 6

RESULT 40

US-08-838-545-11/C
 Sequence 11, Application US/08838545
 Patent No. 6046307

GENERAL INFORMATION:
 APPLICANT: Shay, Jerry W.
 APPLICANT: Wright, Woodring E.
 APPLICANT: Piatyszek, Mieczyslaw A.
 APPLICANT: Corey, David R.
 APPLICANT: No. 6046307ton, James C.
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by
 TITLE OF INVENTION: Peptide Nucleic Acids
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,545
 FILING DATE: 09-APR-1997

CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/630,019
 FILING DATE: 09-APR-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Storella, John R.
 REGISTRATION NUMBER: 32,944
 REFERENCE/DOCKET NUMBER: 015389-001610US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: -
 LOCATION: 1..10
 OTHER INFORMATION: /note= "template region of the RNA
 OTHER INFORMATION: component of human telomerase (hTR)"
 US-08-838-545-11

Query Match 100.0%; Score 6; DB 3; Length 10;
 Best Local Similarity 100.0%; Pred. No. 8.8e+04;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
 Db 10 TTAGGG 5

Search completed: March 22, 2005, 10:49:18
 Job time : 53 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 213.25 Seconds
(without alignments)
167.500 Million cell updates/sec

Title: US-09-540-843-11

Perfect score: 6

Sequence: 1 ttaggg 6

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 5544816 seqs, 2976511598 residues

Total number of hits satisfying chosen parameters: 5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database :

Published Applications NA.*
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20: /cgm2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
21: /cgm2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
22: /cgm2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	6	100.0	6	9	US-09-817-387-29
2	6	100.0	6	9	US-09-735-363A-49
3	6	100.0	6	9	US-09-907-279-2
4	6	100.0	6	9	US-09-730-893-1
5	6	100.0	6	10	US-09-940-173A-1
6	6	100.0	6	14	US-10-122-630-11
7	6	100.0	6	14	US-10-122-630-12
8	6	100.0	6	14	US-10-122-633-11
9	6	100.0	6	14	US-10-122-633-12
10	6	100.0	6	15	US-10-255-535-8
11	6	100.0	6	15	US-10-336-265-1
12	6	100.0	6	15	US-10-336-265-4
13	6	100.0	6	15	US-10-336-265-63
14	6	100.0	6	15	US-10-336-265-64
15	6	100.0	6	16	US-10-232-927A-9
16	6	100.0	6	16	US-10-232-927A-27
17	6	100.0	6	16	US-10-382-754B-3
18	6	100.0	6	17	US-10-355-388-3
19	6	100.0	6	17	US-10-355-388-13
20	6	100.0	6	18	US-10-181-823-13
21	6	100.0	6	18	US-10-705-531-15
22	6	100.0	6	18	US-10-705-531-16
23	6	100.0	6	18	US-10-752-123-1
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25	6	100.0	6	18	US-10-862-698-7
26	6	100.0	6	9	US-09-730-893-6
27	6	100.0	6	10	US-09-940-173A-6
28	6	100.0	6	18	US-10-775-818-6
29	6	100.0	6	9	US-09-730-893-4
30	6	100.0	6	10	US-09-940-173A-4
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32	6	100.0	6	18	US-10-775-818-4
33	6	100.0	6	9	US-09-728-574-19
34	6	100.0	6	10	US-10-033-145-56
35	6	100.0	6	10	US-10-033-145-358
36	6	100.0	6	10	US-10-033-145-613
37	6	100.0	6	10	US-10-033-145-1694
38	6	100.0	6	10	US-10-044-692-294
39	6	100.0	6	15	US-10-044-539-294
40	6	100.0	6	10	US-10-390-045-41
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49	6	100.0	6	10	US-10-877-124-527
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52	6	100.0	6	11	US-09-828-311A-4
53	6	100.0	6	9	US-09-057-351-2
54	6	100.0	6	10	US-09-835-370-63
55	6	100.0	6	10	US-09-249-155-57
56	6	100.0	6	10	US-09-942-310-7
57	6	100.0	6	10	US-09-942-310-44
58	6	100.0	6	11	US-10-122-630-5
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66	6	100.0	6	11	US-10-463-076-1
67	6	100.0	6	11	US-10-314-322-57
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69	6	100.0	6	11	US-10-297-058-20
70	6	100.0	6	11	US-10-181-823-16
71	6	100.0	6	11	US-10-181-823-20
72	6	100.0	6	11	US-10-450-797-1287
73	6	100.0	6	11	US-10-863-999-63
74	6	100.0	6	11	US-10-831-266-1
75	6	100.0	6	11	US-10-831-267-1
76	6	100.0	6	11	US-10-967-755-1
77	6	100.0	6	12	US-08-463-404-2
78	6	100.0	6	12	US-08-463-404-3
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81	6	100.0	6	12	US-09-968-355-1
82	6	100.0	6	9	US-09-375-924C-6
83	6	100.0	6	12	US-09-984-664-11
84	6	100.0	6	12	US-10-132-002-1

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Sequence 2, Appl
Sequence 3, Appl
Sequence 18, Appl
Sequence 19, Appl
Sequence 26, Appl
Sequence 4, Appl
Sequence 11, Appl
Sequence 552, App
Sequence 11, Appl
Sequence 1, Appl
Sequence 11, Appl

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87 6 100.0 12 14 US-10-117-108A-41
c 88 6 100.0 12 14 US-10-117-108A-53
89 6 100.0 12 14 US-10-359-935-39
c 90 6 100.0 12 16 US-10-323-032-2
91 6 100.0 12 16 US-10-323-032-3
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93 6 100.0 12 16 US-10-232-927A-19
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95 6 100.0 12 18 US-10-682-130-4
c 96 6 100.0 12 18 US-10-600-581-11
97 6 100.0 12 18 US-10-661-165-552
c 98 6 100.0 12 18 US-10-790-766-11
99 6 100.0 12 18 US-10-333-152A-1
100 6 100.0 12 18 US-10-686-713-11

ALIGNMENTS

RESULT 1
US-09-817-387-29
; Sequence 29, Application US/09817387
; Patent No. US20010039263A1
; GENERAL INFORMATION:
; APPLICANT: Max-Delbruck-Centrum fur Molekulare Medizin
; TITLE OF INVENTION: Chimeric Oligonucleotides and the Use Thereof
; FILE REFERENCE: 101195-24
; CURRENT APPLICATION NUMBER: US/09/817,387
; CURRENT FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: DE 197 20 151.2
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: telomeric
; OTHER INFORMATION: DNA of man
US-09-817-387-29

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 2
US-09-735-363A-49
; Sequence 49, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 6
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-49
Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 3
US-09-907-279-2
; Sequence 2, Application US/09907279
; Publication No. US20020068296A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Adam
; TITLE OF INVENTION: CATHODIC PROTECTION OF NUCLEIC ACID SEQUENCES
; FILE REFERENCE: 11154.41USUL
; CURRENT APPLICATION NUMBER: US/09/907,279
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/218,959
; PRIOR FILING DATE: 2000-07-17
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: artificial oligonucleotide sequence
US-09-907-279-2

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 4
US-09-730-893-1
; Sequence 1, Application US/09730893
; Patent No. US20020107258A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB:679USC1
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-1

Query Match 100.0%; Score 6; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
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DB 1 TTAGGG 6

RESULT 5

US-09-940-173A-1
; Sequence 1, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPEX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-1

Query Match 100.0%; Score 6; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
|||||
DB 1 TTAGGG 6

RESULT 6

US-10-122-630-11
; Sequence 11, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30

; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-11

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
|||||
DB 1 TTAGGG 6

RESULT 7

US-10-122-630-12/c
; Sequence 12, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-12

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6
|||||
DB 6 TTAGGG 1

RESULT 8

US-10-122-633-11
; Sequence 11, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633

; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-11

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 9

US-10-122-633-12/c
; Sequence 12, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-12

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 6 TTAGGG 1

RESULT 10

US-10-255-535-8
; Sequence 8, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535

; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-8

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 11

US-10-336-265-1
; Sequence 1, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; TITLE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-1

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 12

US-10-336-265-3/c
; Sequence 3, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; TITLE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-336-265-3

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 13

US-10-336-265-4/c
; Sequence 4, Application US/10336265
; Publication No. US20030148988A1

; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 6
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-336-265-4

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 14

US-10-336-265-63
; Sequence 63, Application US/10336265
; Publication No. US20030148988A1

; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-63

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 15

US-10-336-265-64

; Sequence 64, Application US/10336265
; Publication No. US20030148988A1

; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 6
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-336-265-64

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 66.7%; Pred. No. 9.6e+08;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 16

US-10-232-927A-9
; Sequence 9, Application US/10232927A
; Publication No. US20030190638A1

; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
APPLICATION NUMBER: 08/819,867
FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-232-927A-9

Query Match 100.0%; Score 6; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 17

US-10-232-927A-27/c
Sequence 27, Application US/10232927A
Publication No. US20030190638A1
GENERAL INFORMATION:

APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
Storage

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/232,927A

FILING DATE: 29-Aug-2002

CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/378,535

FILING DATE: 20-Aug-1999

APPLICATION NUMBER: 08/819,867

FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-232-927A-27

Query Match 100.0%; Score 6; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 18

US-10-382-754B-3
Sequence 3, Application US/10382754B
Publication No. US20040009933A1
GENERAL INFORMATION:

APPLICANT: Glen Research Corp. and Berry & Associates, Inc.

TITLE OF INVENTION: Fluorescent Nitrogenous Base and Nucleosides Incorporating Same

FILE REFERENCE: 005416.00008

CURRENT APPLICATION NUMBER: US/10/382,754B

CURRENT FILING DATE: 2003-03-06

PRIOR APPLICATION NUMBER: 60/362,448

PRIOR FILING DATE: 2002-03-08

NUMBER OF SEQ ID NOS: 10

SOFTWARE: PatentIn version 3.2

SEQ ID NO 3

LENGTH: 6

TYPE: DNA

ORGANISM: Homo sapiens

US-10-382-754B-3

Query Match 100.0%; Score 6; DB 17; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 19

US-10-355-388-3
Sequence 3, Application US/10355388
Publication No. US20040013662A1
GENERAL INFORMATION:

APPLICANT: Porter, Thomas R.

APPLICANT: Iversen, Patrick L.

TITLE OF INVENTION: Microbubble compositions and methods for oligonucleotide delivery

FILE REFERENCE: 50450-8302.US02

CURRENT APPLICATION NUMBER: US/10/355,388

CURRENT FILING DATE: 2003-01-31

PRIOR APPLICATION NUMBER: US 09/591,380

PRIOR FILING DATE: 2000-06-09

PRIOR APPLICATION NUMBER: US 09/118,168

PRIOR FILING DATE: 1998-07-17

PRIOR APPLICATION NUMBER: US 08/670,999

PRIOR FILING DATE: 1996-06-28

NUMBER OF SEQ ID NOS: 6

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 6

TYPE: DNA

ORGANISM: Artificial

FEATURE:

Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels

; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-6

Query Match 100.0%; Score 6; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 27

US-09-940-173A-6

; Sequence 6, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT APPLICATION NUMBER: US/09/940.173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-6

Query Match 100.0%; Score 6; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 28

US-10-775-818-6

; Sequence 6, Application US/10775818
; Publication No. US20040229894A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT APPLICATION NUMBER: US/10/775.818

; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-775-818-6

Query Match 100.0%; Score 6; DB 18; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.3e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 29

US-09-730-893-4

; Sequence 4, Application US/09730893
; Patent No. US20020107258A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; CURRENT APPLICATION NUMBER: US/09/730,893
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-730-893-4

Query Match 100.0%; Score 6; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 30

US-09-940-173A-4

; Sequence 4, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL

; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; FILE REFERENCE: UTSB:679USD2
; CURRENT APPLICATION NUMBER: US/09/940,173A
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-940-173A-4

Query Match 100.0%; Score 6; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 31
US-10-336-265-58
; Sequence 58, Application US/10336265
; Publication No. US20030148988A1
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; FILE OF INVENTION: the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 58
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Chlamydomonas reinhardtii
US-10-336-265-58

Query Match 100.0%; Score 6; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 3 TTAGGG 8

RESULT 32
US-10-775-818-4
; Sequence 4, Application US/10775818
; Publication No. US20040229894A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: G-QUADRUPLIX-INTERACTION COMPOUND
; TITLE OF INVENTION: G-QUADRUPLIX-INTERACTION COMPOUND

; FILE REFERENCE: UTSB:679USC2
; CURRENT APPLICATION NUMBER: US/10/775,818
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/244,675
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-775-818-4

Query Match 100.0%; Score 6; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
|||
Db 1 TTAGGG 6

RESULT 33
US-09-728-574-19/c
; Sequence 19, Application US/09728574
; Patent No. US20020137036A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture
; FILE REFERENCE: 25436/1660
; CURRENT APPLICATION NUMBER: US/09/728,574
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 09/728574
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Drosophila sp.
; FEATURE:
; NAME/KEY: bicoid DNA binding site
; LOCATION: (1)..(9)
US-09-728-574-19

Query Match 100.0%; Score 6; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
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Db 6 TTAGGG 1

RESULT 34
US-10-033-145-56
; Sequence 56, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05

; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-56

Query Match
Best Local Similarity 100.0%; Score 6; DB 13; Length 10;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 3 TTAGGG 8

RESULT 35
US-10-033-145-358
; Sequence 358, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 358
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-358

Query Match
Best Local Similarity 100.0%; Score 6; DB 13; Length 10;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 5 TTAGGG 10

RESULT 36
US-10-033-145-613
; Sequence 613, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 613
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-613

Query Match 100.0%; Score 6; DB 13; Length 10;

Best Local Similarity 100.0%; Pred. No. 6.2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 2 TTAGGG 7

RESULT 37
US-10-033-145-1694
; Sequence 1694, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1694

Query Match
Best Local Similarity 100.0%; Score 6; DB 13; Length 10;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 4 TTAGGG 9

RESULT 38
US-10-044-692-294
; Sequence 294, Application US/10044692
; Publication No. US20030096344A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>

/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002600US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 294:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 294:
US-10-044-692-294
Query Match 100.0%; Score 6; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.2e+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;
QY 1 TTAGGG 6
Db 1 TTAGGG 6
RESULT 39
US-10-044-539-294
/ Sequence 294, Application US/10044539
/ Publication No. US20030100093A1
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ Lingner, Joachim
/ Nakamura, Toru
/ Chapman, Karen B.
/ Morin, Gregg B.
/ Harley, Calvin
/ Andrews, William H.
/ TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
/ THERAPEUTIC METHODS
/ NUMBER OF SEQUENCES: 335
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, 8th Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States of America
/ ZIP: 94111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/044,539
/ FILING DATE: 11-Jan-2002
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/912,951
/ FILING DATE: <Unknown>
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ APPLICATION NUMBER: US 08/851,843

/ FILING DATE: 06-MAY-1997
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph T.
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002600US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 294:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 10 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ SEQUENCE DESCRIPTION: SEQ ID NO: 294:
US-10-044-539-294
Query Match 100.0%; Score 6; DB 15; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.2e+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;
QY 1 TTAGGG 6
Db 1 TTAGGG 6
RESULT 40
US-10-390-045-41
/ Sequence 41, Application US/10390045
/ Publication No. US20030170713A1
/ GENERAL INFORMATION:
/ APPLICANT: SRIVASTAVA, SHIV
/ APPLICANT: MOUL, JUDD W.
/ APPLICANT: XU, LINDA L.
/ APPLICANT: SEGAWA, TAKEHIKO
/ TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED
/ TITLE OF INVENTION: POYNUCLEOTIDE ARRAY
/ FILE REFERENCE: 04995.0057-00000
/ CURRENT APPLICATION NUMBER: US/10/390,045
/ CURRENT FILING DATE: 2003-03-18
/ PRIOR APPLICATION NUMBER: US/09/769,482
/ PRIOR FILING DATE: 2001-01-26
/ PRIOR APPLICATION NUMBER: 60/178,772
/ PRIOR FILING DATE: 2000-01-28
/ PRIOR APPLICATION NUMBER: 60/179,045
/ PRIOR FILING DATE: 2000-01-31
/ NUMBER OF SEQ ID NOS: 67
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 41
/ LENGTH: 10
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
US-10-390-045-41
Query Match 100.0%; Score 6; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.2e+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;
QY 1 TTAGGG 6
Db 5 TTAGGG 10

Search completed: March 22, 2005, 19:09:50
Job time : 215.25 secs

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